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Lancaster Farming

VOL. 16 NO. 29 | Lancaster Farming, Saturday, June 12, 1971 | $2.00 Per Year

Musser Receives Poultry Award

A Garden Spot High School senior named to receive a $200 cash award as the outstanding area high school student in the field of poultry.

Jacob W. Musser was presented the "Poultry Man of the Year" award by Victor F Weaver, Inc, New Holland poultry and egg processing firm.

The son of Mr. and Mrs Jacob H. Musser, East Earl RD1, Musser is president of the Grassland FFA Chapter and his FFA awards include Keystone Farmer Degree, Red Rose Degree, Livestock Foundation Award and the DeKalb Agricultural Accomplishment award.

The scholarship is available annually to students in Lancaster, Chester, Berks and York counties who are FFA members.

Jacob W. Musser
Poultry Award Winner

Four other youths who received "Poultry Man -Excellent Achievement" awards as runner ups and qualify as winners from each of their respective schools are as follows: Marvin J. Caskey Jr, son of Mr. and Mrs. Marvin J Caskey Sr, Kinzers RD1, a senior at Pequea Valley High School: Clifford L. Charles, son of Mr. and Mrs Abram H Charles, Lancaster RD2, a sophomore at Penn Manor High School, Dalvin J. Krug, son of Mr and Mrs. Dalvin R Krug, Hellam Branch, Wrightsville RD1, a sophomore at Eastern High School, and Nelson E Martin, son of Mr and Mrs Clyde W Martin, East Earl RD1, a sophomore at Garden Spot High School

Farm Calendar

Saturday, June 12

Lebanon Valley Poultry Association annual Broiler festival, Fredericksburg

Sunday, June 13

1 30 p m —Fulton Grange 66 Youth Committee softball game, J Benjamin, Fairmount

Monday, June 14

8 p m — Fulton Junior Grange 343, Fulton Grange Hall, paper drive

Reciprocal Meat Conference, American Meat Science association, University of Kentucky, Lexington, June 14 to 16

Flag Day

Tuesday, June 15

1 30 p m —FFA Meat Judging Contest, Kunzler & Co Inc

Wednesday, June 16

Pennsylvania Poultry Federation annual meeting, the new Sheraton, Harrisburg

Thursday, June 17

Fulton Grange Youth committee trip to Baltimore

Friday, June 18

8 a m -4 30 p m —Ephrata Area Young Farmers Association weed workshop, Bordontown, N J

Saturday, June 19

8 30 a m -4 30 p m — Pennsylvania Junior Angus Association Field Day, Penn State University

Pomona District meeting, Kimberton Grange Hall, Chester County

June 16 Is Poultry Meeting Date

June 16 is the date of the Pennsylvania poultry industry's annual conference at the Sheraton Harrisburg

Three speakers discussing economics are Dr Jonathan Tobey of the Chase Manhattan Bank, New York, Herbert Becherman, Baltimore, and Dr Fred J Fullerton, Acting Director, Field Operations, Poultry Program All three men are recognized as top leaders in their respective areas They will discuss the future of the industry, egg pricing systems, and poultry inspection for wholesomeness

The session on ecology will be opened by Dr C L Hosler, Dean of Earth and Mineral Sciences, PSU The three men who will discuss possible solutions to poultry waste problems are Dr Howard Zindell, Michigan State, John F Bergdoll, Anderson Box, Indianapolis; and Richard Chumney, New Jersey Department of Agriculture

The day's activities will conclude with a banquet in the beautiful ballroom of the Sheraton Awards to be presented include the Allied Industryman of the Year, the Poultryman of the Year, Outstanding Youth, and a Good Egg Award

Ephrata Farmers to Study Weeds on June 18 Tour

The Ephrata Area Young Farmers Association has announced a weed identification and weed control workshop trip to Bordontown, N J , next Friday, June 18.

The group will leave from the Ephrata ag department at Ephrata High School at 8 a m and will return by 4 30 p m or before

The workshop is in charge of Nick Ferrant, Agway agronomist

Several types of controls will be observed and various types of weeds studied. The object will be to obtain information which is applicable to the immediate area.

Each person will take his own lunch

Any Ephrata area farmers, adults only, interested in attending the workshop should call Charles Ackley at 733-7961

Cracked, Broken Eggs Viewed As Important Industry Issue

Already an important economic factor in egg production, cracked and broken eggs are becoming an increasingly important source of lost income to the industry, according to speakers at a special poultry meeting in Lititz Thursday night.

Three Penn State poultry staff members, backed up by local speakers repeatedly emphasized that the numbers of cracked and broken eggs have been steadily increasing for the past five to 10 years

It was noted that some industry sources now believe poultrymen will have to be content with a 10 per cent loss from cracks and breaks But speakers advised local poultrymen not to be content with this figure and that keeping losses below this level may prove to be an important competitive advantage in the future.

Raymond W Sauder, Lititz egg processor, noted that when poultrymen see their birds dying they "get excited" But he emphasized that large numbers of breaks and cracks can "erode your income" as much although it may be harder to see

He noted that two dozen breaks and three dozen cracks per case of eggs can result in a $4 000 loss from a 10,000 flock

Sauder also noted that with good eggs he can process 54 cases in the same time that it takes him to process 40 to 42 cases with poor quality eggs The slower processing "costs us 20 cents a case," he noted

Preceeding the talk at the Lititz Recreation Center, Sauder had opened his plant on Route 501 north of Lititz for tour by interested poultrymen During the tour, poultrymen saw what happened to an egg from the time it entered the plant until the time it left

Other speakers at the meeting stressed the importance of understanding the causes of breaks and cracks and of managing the flock to avoid them

Moderator was Jay Irwin, associate Lancaster County agricultural agent, who noted that with just a small cut in broken eggs from Lancaster County's four million laying hens, poultrymen would increase their income by several hundred dollars a day.

Some of the causes of cracked

(Continued on Page 8)

Father and son display a dozen eggs during the open house tour of their egg processing plant Thursday evening. They are: R. Clair Sauder, left, and his father Raymond W. Sauder.

No-Till Corn Growers Are Warned of Armyworm

Several reports have been received at the Lancaster County Extension office this week about armyworm damage in no till corn, according to Arnold Lueck, associate Lancaster County agricultural agent

When the worms reach a high level of infestation, they are "vigorous feeders which will do a lot of damage to young corn plants in a short period"

Lueck said the damage has been reported only from no-till fields which have a heavy mulch Reports have been received particularly from the Mount Joy Landisville and Mountville area but havce not been limited to these areas, Lueck said

He suggested that all farmers with no-till corn and heavy mulch should check their fields regularly for insect activity Once damage is started by the armyworm, quick action is necessary "or a crop can be lost," Lueck said

The Extension service is recommending one of three treatments carboryl; a combination of malathion and methoxychlor, and Dylox

Lueck also stressed that it is important to use a large volume of water, about 50 to 60 gallons per acre, to get a thorough coverage down in the mulch

Lueck also said spraying should be done in the early evening since the armyworm does most if its feeding at night, particularly a warm night

Lueck said the exact type of worm involved has not been determined, but probably there is more than one kind of armyworm.

Local Livestock Market and Auction Reports

Lancaster Auction

Wednesday, June 9

	Cattle	Calves	Hogs	Sheep
Today	1191	101	380	30
Last wk	1366	101	649	45
Last yr	1585	101	182	28
This wks auction	1133	112	232	62
Last wks auction	1353	116	431	49

CATTLE — Compared to Monday, Slaughter Steers 25 50 lower, instance 75 lower; Cows steady to weak; Bulls fully steady

SLAUGHTER STEERS—High-Choice and Prime 1050-1350 lbs 32 50-34 00, mainly 33 00-33 75, Choice 950-1400 lbs 31 10-33 35, high-Good and low-Choice 29 85-31 50, Good 28 25-30 35, Standard and low-Good 26 50-28 75

COWS — Utility and high-dressing Cutter 23 75-24 85, Cutter 22 50-23 75, Canner and low-Cutter 20 50-22 50.

BULLS — Choice 29 00-30 85, Good 27 35-29 00, Utility and Commercial 27 50-31 00, few 31 00-32 00, with 21 head 32 10-33 10

VEAL CALVES — Choice Vealers strong to 1 00 higher, other grades 1 00 2 00 lower

VEALERS — Choice 48 50-50 50, eight 51 00-53 00, Good 42 50 48 50, Standard 37 50-43 50, Utility 34 00-37 00

SLAUGHTER CALVES—Good 270-320 lbs 36 50-42 00, Standard 32 00-36 50

HOGS — Barrows and Gilts 50-75 lower

BARROWS AND GILTS—US 1 200-235 lbs 19 50 19 85, US 2-3 200-240 lbs 18 60-19 10 US 2-3 245-260 lbs 18 35, US 2 160-165 lbs 15 00

SHEEP — Spring Lambs fully steady

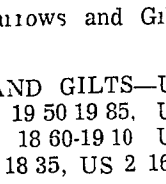
SPRING LAMBS—Choice 75-95 lbs 31 00-32 25

Green Dragon Hay Market

24 loads hay, including Alfalfa, few loads 40 00-55 00, Timothy, few loads 29 00-35 00, Mixed hay 25 00-40 00, one load 47 00, Clover, one load 57 00

14 loads straw, 31 50-41 00

Green Dragon



Livestock Sales

Ephrata, R. D. 3, Pa.

Walter Risser, Manager

Phone: (717) 733-2334

Every FRIDAY

- Dairy Cows 12 30 P M.
- Hay & Straw Auction 1 00 P.M
- Beef Cattle & Veal Calves 11 00 A M

Lancaster Market

Monday, June 7

	Cattle	Calves	Hogs	Sheep
Today	1443	252	1042	199
Last wk.	HOLIDAY			
Last yr	979	253	1465	141

CATTLE — Compared to last weeks close, Slaughter Steers weak to mostly 25 lower; Cows 25-50 lower, Bulls mostly steady Supply included an estimated 60 percent Slaughter Steers, 9 percent Bulls, 5 percent Cows, with the balance mainly Feeder Steers, 1181 for auction

SLAUGHTER STEERS — High-Choice and Prime 1025-1350 lbs 33 50-33 85, one lot 1160 lbs 34 15, few 1350-1450 lbs 33 00-33 50, Choice 950-1350 lbs 31 75-33 75, high-Good and low-Choice 30 75-32 00, Good 28 50-31 35, Standard and low-Good 27 25-28 75

SLAUGHTER HEIFERS — Few Choice 800-975 lbs 29 75-31 00.

COWS — Utility and high-dressing Cutter 23 75-25 00, few 25 00-25 75; Cutter 22 50-24 25, Canner and low-Cutter 20 00-22 50

BULLS — Choice 29 00-30 50, Good 27 50-29 00, Utility and Commercial 27 75-30 75, few 31 00-31 75, five head 32 00-33 35

VEAL CALVES — Vealers weak to 1 00, instances 2 00 lower

VEALERS — Choice 48 00-50 00, few 51 00, Good 44 00-48 00, Standard 40 00-44 00, Utility 34 00-41 00; Cull 25 00-32 00

HOGS—Barrows and Gilts unevenly steady

BARROWS AND GILTS — US 1 200-235 lbs 20 50-21 00, US 1-2 195-240 lbs 19 50 20 00, US 2-3 190-260 lbs 19 00-19 75, US 3-4 255-275 lbs 17 75-18 75

SHEEP — Spring Lambs 1 00-2 00 lower, Ewes mostly steady

SPRING LAMBS — Choice 50-85 lbs 30 00-32 00, Good 28 00-30 00

SLAUGHTER EWES—Utility and Good 5 00-9 00, few Cull 3 50

Thomas Assumes Post

Sam Thomas, took up duties as office manager at Eastern Mennonite Board of Missions and Charities, Salunga June 1 He worked for two years in a Mobile, Alabama, hospital under EMBMC's Voluntary Service program Thomas is married to the former Marian Jean Landis

Composite Report

Friday Weekly, June 11

Lancaster, Vintage, and New Holland Markets

	Cattle	Calves
This week	5200	1250
Last week	4680	1110
Last year	6247	1208

CATTLE — Slaughter Steers 50-1 00 lower, most decline on Good to average-Choice, Cows steady, instances 50 higher, Bulls steady throughout most of the week, although sharp decline on Thursday on Bulls selling from 50-2 00 lower, most decline on Utility and Commercial over 1500 lbs Supply included an estimated 60 percent Slaughter Steers, 25 percent Cows and Bulls, with the balance mainly Feeder Steers

SLAUGHTER STEERS—High-Choice and Prime 1050-1350 lbs 32 50-34 00, mainly 33 00 33 75, Choice 950-1400 lbs 31 00 33 50, high-Good and low-Choice 29 50-31 50, Good 28 00-31 00, Standard and low-Good 26 50-29 00

SLAUGHTER HEIFERS — Few Choice 800-975 lbs 29 00-31 00

COWS—Utility and high-dressing Cutter 23 75;25 75, few sales 25 75-26.50, Cutter 22 50-24 50, Canner and low-Cutter 20 50-22 50.

BULLS — Choice 28 50 30.50, few sales 30 50-31 00, Good 26 75-29 00, Utility and Commercial 27 00-31 00, few early part of week 31 00-32 00, with 30 head early in the week 32 10-33 35

VEAL CALVES—Vealers uneven, Choice steady to strong, instances 1 00 higher, other grades 1 00-3 00 lower

VEALERS — Choice 46 00-50 00, few 51 00-53 50, Good 42 00-48 00, Standard 38 00-44 00, Utility 32 00-40 00, Cull 80-120 lbs 28 00-34 00

SLAUGHTER CALVES — Choice 270-320 lbs 36 00-42 00, Standard 32 00-36 00

CALVES RETURNED TO FARM — Balk 90-120 lbs 35 00-45 00, few 45 00-49 00

New Holland Horse Auction

Monday, June 7

Reported receipts of 396 head of horses, market steady with last week

One load Iowa riding horses, 115-270

One load Ohio riding horses, 135-335

One load Kansas riding horses, 145-220

Locally consigned work horses, 130-235, riding horses, 110-235, driving horses, 100-690, mules, 110-150

Mare ponies, 10-35, geldings, 10-25, colts, 5 15 larger ponies, 45 70, killers, 10-11

Vintage Auction

Tuesday, June 8

	Cattle	Calves	Hogs	Sheep
Today	975	501	654	55
Last wk.	1099	443	695	131
Last yr.	933	540	308	128

CATTLE — Compared to last Tuesday, Slaughter Steers uneven, high-Choice and Prime 25-50 lower, Standard to average-Choice mostly steady, instances 25 lower on Choice, Cows unevenly steady, Bulls about steady.

SLAUGHTER STEERS — High-Choice and Prime 1050-1400 lbs 33 00-33 85, few head 34 00-34 10, load 1450-1650 lbs. 31 50-33 00, Choice 950-1400 lbs 32 00-33 50, few sales 31 50-32 00, high-Good and low-Choice 30 50-32 00, Good 28 50-31 50, Standard and low-Good 26 50-29 00

COWS — Utility and high-dressing Cutter 23 25-24 85, few 25 00-25 50; Cutter 22 00-23 50, Canner and low-Cutter 20 50-22.00

BULLS — Choice 28 60-30 75; Good 27.25-29 00, Utility and Commercial 27 50-30 75, few 30 85-31 50, three head 32 00-33 10.

VEAL CALVES—Vealers 1 00-2 00 lower with most decline on Good and Choice

VEALERS — Choice 47 50-50 00, few 50 50-51 50, Good 44 00-48 00, Standard 40 00-44 00, Utility 34 00-40 00, Cull 80-120 lbs 28 00-34 00

CALVES RETURNED TO FARM—Bulk 90-120 lbs 37 00-46 00, few 47 00-49 00.

HOGS — Barrows and Gilts mostly 50 lower.

BARROWS AND GILTS — US 1 200-225 lbs 19 85-20 10, US 1-2 200-240 lbs 19 35-19 60, US 2-3 195-240 lbs 19 00-19 35, US 2 190-200 lbs 18 50-19 00; US 2-3 240-255 lbs 18 50-19 00

SHEEP — Market not reported

Fat Hogs and Feeder Pig Sale

Saturday, June 5

Hog receipts — 1007

Lightweight 160-180 lbs 16 00-18 85;

Mediumweight 180-200 lbs 19 00 19 25, 200-220 lbs 19 10-25 10, 220-240 lbs 19.25-19 85;

Heavyweight 240 lbs and up 18 35-19 35.

Sows — 13 25-14 50.

Local Grain

Thursday, June 10

These prices are made up of the average prices quoted by six participating local feed and grain concerns It should be noted, however, that not every dealer handles each commodity All prices are per bushel, except for ear corn which is per ton

New Holland Auction

Thursday, June 10

	Cattle	Calves	Sheep
Today	1188	377	21
Last week	1423	390	33
Last year	1270	323	32

CATTLE — Compared to last Thursday, Slaughter Steers weak to 50 lower, with average Good to low-Choice off 1.00; Cows strong to 25 higher; Bulls uneven, Good and Choice 50-1 00 lower, Utility and Commercial 50-1 50 lower, with weights over 1500 lbs mostly 2.00 lower.

SLAUGHTER STEERS—High-Choice and Prime 1100-1250 lbs. 32 85-33 50, Choice 950-1300 lbs. 31 00-33 00, high-Good and low-Choice 29 50-31 25, Good 28 00-30 50, Standard and low-Good 26 50-28 50

COWS — Utility and high-dressing Cutter 24 00-25 75, few 25 85-26 50, Cutter 23.00-25.00; Canner and low-Cutter 21.75-23 00

BULLS — Choice 28.50-30.00, few 30 25-31 00; Good 26.75-28 50; Utility and Commercial 27 00-29 50, few 29.50-30.50.

FEEDER STEERS—Around a load Choice 975-1050 lbs. 30.00-30 25; load Standard and Good 790-920 lbs 26 10-26.35.

VEAL CALVES—Vealers uneven, Choice mostly steady, instances 2 00 higher, other grades 1 00-3 00 lower

VEALERS — Choice 46 00-50 00, few 51 00-53 50; Good 40 00-46 00, Standard 38.00-42.00; Utility 32 00-38 00.

SHEEP—Small supply. Spring Lambs mostly steady, few Choice 40-85 lbs 32.50-34.00; few Good 30 00-31 50.

Monday, June 7

Hog Receipts 1165 — Retail 20 - 22; Wholesale 19.35-20; Heavyweights 18-19 35; Sows 11-15, Boars 12-14 50.

Monday, June 7

Calf Receipts 123 Choice and Prime 46-50, Standard 37-41 50; Good and Low Choice 42-45.50. Common 25-36 60

Monday, June 7

Fifteen loads of Hay and Straw sold as follows: Hay 28-43 50, Straw 37-43.

The average local grain prices quoted Thursday, June 10, 1971, are as follows:

	Bid*	Offered*
Ear Corn	41 00	48.00
Shelled Corn	1.74	1.93
Oats (local)	82	.94
Oats (western)	1 04	1.14
Barley	1 10	1.29
Wheat	1 66	1.88

*Bid is the price the dealer will buy from the farmer delivered to the mill. Offered is the price the dealer will sell for at his mill

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Ph: 717-442-4181 Kenneth E. Hershey, Sales Manager

Lebanon Valley Auction

Tuesday, June 8
416 Head of Cattle

Steers High Choice and Prime (few), 33 00-35 10, Choice, 21 75-33 00, Good, 29 35-31 85, Standard, 27 00-28 75, Utility, 25 75-27 00

Heifers: Choice (few), 28 50-30 75; Good (few), 26.10-28 50.

Cows Utility (individual), 24 60-25.75; Cutter, 23 60-24 50, Canner, 22 00-23 60, Shells down to 20.00.

Bulls: Good, 29 25-31 00; Utility and Commercial, 27 75-32.-75.

230 Head of Veal Calves

Choice (individual), 48.00; Good (few), 45.00-50.00, Standard, 43.00-45 00; Utility, 38 00-42 00; Cull 70-85 pounds, 29.00-33 00.

Farm Calves· Bulls 80-110 pounds, 35.00-46 00; Heifers 85-120 pounds, 35 00 46 00.

319 Head of Hogs

Barrows and Gilts U S 1-2 210-240 pounds (few), 19 75-19 85; U S 2-3 190-240 pounds, 19 00-19.50; U.S 2-4 190-260 pounds, 18 50-18 75; U S 2-4 125-190 pounds, 17 50-18 10.

Sows: U S. 2-3 300 600 pounds, 12 00-13.00

Boars: 12.00-13.35.

40 Head of Feeder Pigs

U.S. 1-3 20-35 pounds, 7.50-14 50.

27 Head of Sheep and Lambs

Choice 70-115 pounds (few), 30 00; Good 50-80 pounds (few), 25 50-26.50; Ewes (few), 6 50-11 00.

Oklahoma City

Thursday, June 10

Estimated receipts	8,500
Same day last week	9,421
Same day last year	8,375

Fairly active, feeder cattle and calves unevenly steady compared to late last week, some weakness developing on Choice Grade 650-900 lbs steers, however Standard and Good thin fleshed offerings all weights strong to 50c higher, instances 1 00 higher. Fairly large attendance buyers. All weights and grades well represented.

Sales As Of 1 P.M.

Feeder Steers — Choice, few Prime 300-475 lb 37.50-40 60, two part loads 353-380 lb 43 00-43 10, 500 650 lb. 33 25-36.50; 650-750 lb 32 00-32 85, 750-900 lb 31 00-32 25, Good and Choice 390-500 lb 35 50-36 75, 500-650 lb 32 25-33 50, 650-750 lb 31 25-32 00, 750-900 lb 30 25 31 00, Good 300-500 lb 32 50-34 75, 500-650 lb 31 25 32 50, 650-750 lb 29 25-31 50, 750-950 lb 28 50-30 - 25, Standard and Low Good 500-650 lb 28 75-30 75, 650 800 lb 26 00-28 50.

Feeder Heifers — Choice, few Prime 300-450 lb 33 25-37 25, 450-710 lb 30 00-33 25, Good and Choice 300-450 lb 32 25-33 00; 450-700 lb 29 00-30 00, Good 300-450 lb. 30 00-31 50; 450-650 lb. 27 00-28 75.

Others — Few Good and Choice bull calves 31 75-39 00.

Omaha Cattle

Thursday, June 10

Compared to last weeks close closing prices on Average-Good to Prime slaughter steers 25 50 lower, Standard and Low Good Holsteins steady to 25c higher Heifers 25-50c lower Cows 25-50c higher Bulls fully steady Small feeder supply fully steady

Four day receipts 21,900 compared 17,400 previous holiday week and 21,100 year ago Slaughter steers approximately 47 percent, heifers 35 percent, rather liberal volume Choice and moderate number High-Choice and Prime Cows 9 per cent, feeders 5 per cent Fed cattle prices pointed downward under combined influence of fairly liberal local marketings and a bearish carcass trade resulting from continued heavy cattle slaughter under federal inspection Most buying interests cautious and selective after early rounds as hot, humid weather often influenced generous water fills and dressing percentages were reported as erratic.

Market Steers

Steers — Load High Choice and Prime, U S 3-4, 1176 pounds, 34 00, 18 loads, 1128-1262, 33 60-33 75, Choice, U S 2-4, 975-1300, 32 00-33 00, Mixed Good and Choice, 950-1250, 31 - 25-32 00, Good, 28 00-31 25, Standard and Low-Good, 26 50-28 00, Holsteins, U S 2-3, 27 50-28 25

Average cost slaughter steers first three days 32 29 Average weight 1137 pounds as compared 32 39 and 1135 pounds previous week and 29 55 and 1127 pounds a year ago

Heifers — High Choice and Prime, load and part load, U S 3-4, 1002-1006 pounds, 33 25, 26 loads, U S 2-4, 880-1064, 32 65-33 00, Choice, 850-1050, 31 25-32 50, Mixed Good and Choice, 800-975, 30.50-31 50; Good, 26 50-30 50; Standard and Low-Good, 25 00-26 50.

Cows — Utility and Commercial, 21 50-22 50; Few Utility, 22 75-23 00, Canner and Cutter, 18 00-21 50, Mixed Cutter and Utility, 21 75-22 00

Bulls — Utility, Commercial and Good, 26 00 28 00, Commercial, 28 50-29 50, Cutter and Low-Utility, 24 00-26 00

Feeder Steers

Steers — Choice, 467-512 pounds, 35 50-36 50, 650-760, 32 - 60-33 50, High-Good and Choice, 858-1082, 30 00-32 00

Heifers — Choice, 432 572 pounds, 32 25 33 65, Load 868, 30 25

Small feeder supply fully steady, consist mainly High-Good and fleshy 900 1050 pound steers

FUTURES TRADING

(Closing bids as of Thursday, June 10)

	Chicago Cattle	Chicago Hogs	New York Maine Potatoes	Chicago Fresh Eggs
June	32.60	20.15		29.05
July		22.20		32.90
August	30.95	22.95		
September				39.25
October	30.45	22.20		
November			2.75	40.10
December	30.32	23.37		
February '72	31.07	24.32		
March			3.00	
April	31.15	23.50	3.20	
May			3.75	

Trend — Cattle are weaker, Hogs are stronger, Potatoes are steady and Eggs are steady.

a-asked b-bid n nominal

Markets provided by Commodity Dept., Reynolds & Company

Chicago Cattle
Weekly Review

Monday - Wednesday
June 7 - 9

Compared last Friday, slaughter steers and heifers 25c-50c lower, cows and bulls unchanged

Increased receipts, coupled with a decline in the wholesale dressed beef trade, appeared to be major factors contributing to the downturn in slaughter steers and heifers

Receipts 80 percent slaughter steers, 16 percent heifers, balance mainly cows Overall finish of slaughter steers was virtually the same as both last week and last year with 17 percent Prime and 70 percent Choice Heifer supply mainly High Good to Low Prime weighing 850-1050 lbs.

SLAUGHTER STEERS — On Monday, Prime 1225 1350 lbs Yield Grade 3 and 4 33 50-34 00, the latter the lowest weekly top since January On Wednesday, comparable Grade and Weight 33 25-33 50, High Choice and Prime 1100-1375 lbs 32 75-33 25, Choice 950-1350 lbs Yield Grade 2 to 4 31 75-32.-75, largely 32 00 32 50, Mixed Good and Choice 950-1200 lbs. 31 25-32 00, Good 28 00 31 25, Standard and Low Good 26 00-28 00

SLAUGHTER HEIFERS — On Monday, few loads High Choice and Prime 950-1050 lbs. Yield Grade 3 and 4 33 00-33 25, the latter the lowest weekly top since mid-March. On Wednesday, comparable grades and weights 32 50-32 85, Choice 850-1025 lbs Yield Grade 2 to 4 31 50-32 50. Mixed Good and Choice 750-950 lbs 30 50-31 50, Good 27 00-30 50.

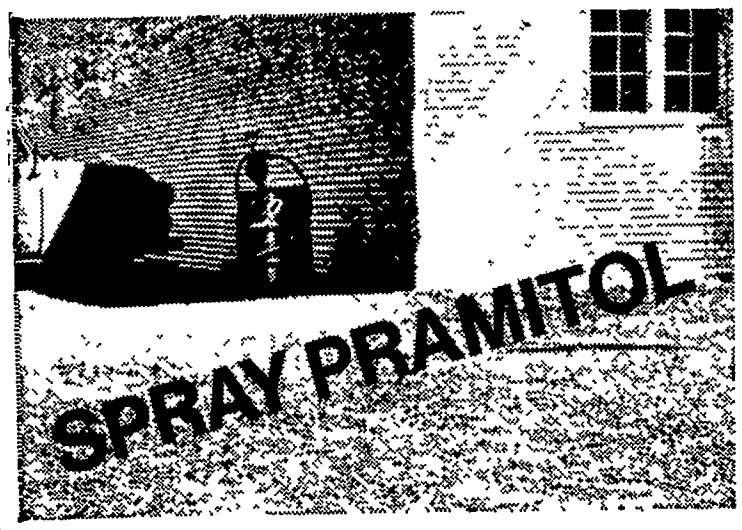
COWS — Throughout the week, Utility and Commercial 21 00-23 00, High Dressing Utility 23.25-23 50, Canner and Cutter 19.50-22 00

U.S. Inspected Livestock Slaughter

For week ending Thursday, June 10

	Cattle	Hogs	Sheep
Week to date	498,000	1,312,000	155,000
Same period last wk.	394,000	1,055,000	121,000
Same period last yr.	468,000	1,075,000	148,000

Estimated daily livestock slaughter under Federal Inspection.



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HESSTON

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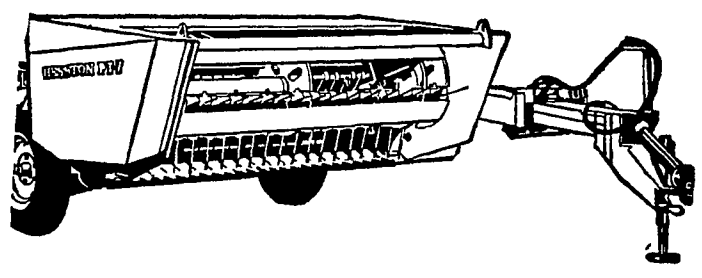

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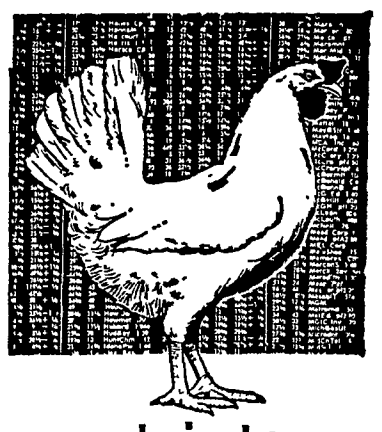

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Poultry Market Reports

Eastern Pa. and N. J.

Prices of light type hens steady Offerings adequate for an only fair demand as some plants continue to work part-time Demand for heavy type hens light beginning of the week, improved for mid-week deliveries Offerings fully adequate Prices paid at farm Light type hens: 4½-6½ mostly 6¼-6½ in Pennsylvania mostly 5½-6 in New Jersey Heavy type hens TFEWR.

Delmarva

Wednesday, June 9

Ready-to-cook movement fair to good Slaughter schedules about steady as processors prepare for increased weekend needs Less than truckl'ot prices unchanged on both Plant and U S. Grade A Advance interest fair with early negotiations reported at 29c on Plant Grade Live supplies adequate with weights continuing within desirable ranges Undertone fully steady Negotiated trucklot prices 2-3 pound ready-to-cook broilers and fryers for delivery next week

U.S. Grade A

Plant Grade 29

Pool trucklot prices for Thursday arrival in the New York area:

U S Grade A 30½-32 Mostly 31

Plant Grade 29½-30½ Mostly 30

Special packs including 1¾-2, 3½ pound sizes TFEWR

Weekly New York Egg Mkt

From Monday, June 7th to Friday, June 11th

	Mon.	Tues.	Wed.	Thurs.	Fri.
WHITE					
Fcy Ex Large	34	35	36	36	38
Large	29	30	31	31	33
Mediums	23	23½	24	24	25
Pullets	18	18	18	18	18
Peewees	13	13	13	13	13
BROWN					
Fcy Large	32	32	33	33	34
Mediums	Unquoted				
Pullets	Unquoted				
Peewees	Unquoted				
Standards	25	25½	26½	26½	28
Checks	18	18	18	18	18

Tone — Demand generally improved with best call for larger sizes. Medium sizes better, smaller sizes usually are in demand.

Fogelsville

Wednesday, June 9

(Prices paid dock weights, cents per pound, except where noted).

HEN, heavy type 11-20, mostly 12-17; PULLETS 26½-37, mostly 30-34; ROASTERS 5-37½, mostly 25-31; DUCKS 38-45, mostly 32-36. TURKEYS, hens 24-33; RABBITS 15-38, mostly 25 30; PIGEONS (Per pair) 1 10-4 60 mostly 1 10-1 50 Total coops sold 341

New York Eggs

Wednesday, June 9

Prices trended higher on large and mediums Receipts light Trading stocks in line with lighter receiving patterns and slow buying activity, were declining however, large and mediums continue ample to excessive Smalls, failing to attract buying interest at 15 cents, were accumulating, along with peewees, in most quarters. Extra large highly irregular in distribution Carton orders slow from small jobbers however Some chain store suppliers were beginning to report improvement following a fairly good retail movement last weekend

Green Dragon Dairy Cattle

Friday, June 4

The Green Dragon market reported receipts of 125 head of average to good quality cattle, attendance fair, with prices strong.

Consignments included·

Load Canadian cows, fresh, 365-495; springers, 400 585.

Load New York State cows, fresh, 310-360: springers, 365-490.

Locally consigned cows, fresh, 380-450; springers, 350-422.50; colored cows, 230-425.

Load local springers, 465-555.

Heifers, bred, 250-290; open, 165-225.

One bull, 355.

Beef Cows

Beef sale active with prices strong

Utility Cows 25 00-26 75: Fat Cows, 23 50-25 00, Cutters, 21 00-23 00

Stocker market Holstein bulls, 26 00-28 00, Beef type Bulls, 27 00-35 00. 25 Angus Steer Calves, 119 00-132 00; Other Steers, 26 00-23 00.

New Holland Dairy Cattle

Wednesday, June 9

Reported receipts of 123 head of cattle 48 heifers, 7 bulls, market steady with last week

Maryland herd dispersal, 48 head cows fresh, 335 505 all stages of production, 245-305

Load Canadian purebred and grade cows, fresh, 410-730 springers 450-850

Load Franklin County cows, fresh, 440 570

Load Canadian and Mercer County springers, 350-485

Load New York State cows, fresh, 360 520, springers, 375-455

25 head Canadian purebred and grade first calf heifers, 410-775

Load Delaware first calf heifers 365 550

Load mix 325-450

Bulls, 335-550.

Egg Placemats Are Popular Here

The Pennsylvania Poultry Federation reports that 200,000 "Pennsylvania Eggs" placemats were printed and over 100 000 were delivered to the Lancaster County Poultry Association.

The Lancaster Poultry Association solicited the restaurants in Lancaster County and sold more than 100,000 placemats.

This means that if you stop in Lancaster County for breakfast, the odds are pretty high that you will have your breakfast served on a "Pennsylvania Eggs" placemat.

The remaining mat inventory is at the Federation office in Harrisburg and can be made available to anyone who is interested in distributing them.

Lancaster County restaurants used the mats last year and have proven to themselves that the use of this colorful placemat does stimulate egg sales.

The egg industry is suffering from over-production, which has resulted in egg prices that are disastrous, the Federation notes. Recent figures show that egg consumption in the northeast is lower than the other areas of the country.

The solution is to increase consumption and/or lower egg production A bit of effort in promotion may help strengthen the egg market. Contact the Federation office for placemats.

Hay Prices

For Southeastern and South Central Pennsylvania

Monday, June 7

(All hay No 2 and better, prices paid by dealers at the farm, price per ton).

Compared with the market two weeks ago, hay and straw pretty well cleaned up in most areas. Little movement with prices steady to $5 lower. Due to weather, no movement of new hay.

Alfalfa	30 00-40.00
Timothy hay	18.00-28.00
Mixed hay	20.00-35.00
Straw	20.00-30.00
Mulch	12 00-20.00

Reported by Bureau of Markets Pa. Dept. of Agriculture.

Miss Buckwalter to Arrive

Miriam Buckwalter, an EMBMC missionary in Nairobi, Kenya, will arrive in the United States in late June. Her address will be 2352 Old Philadelphia Pike, Lancaster.

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(from Chemical & Engineering News, Dec. 21, 1970)

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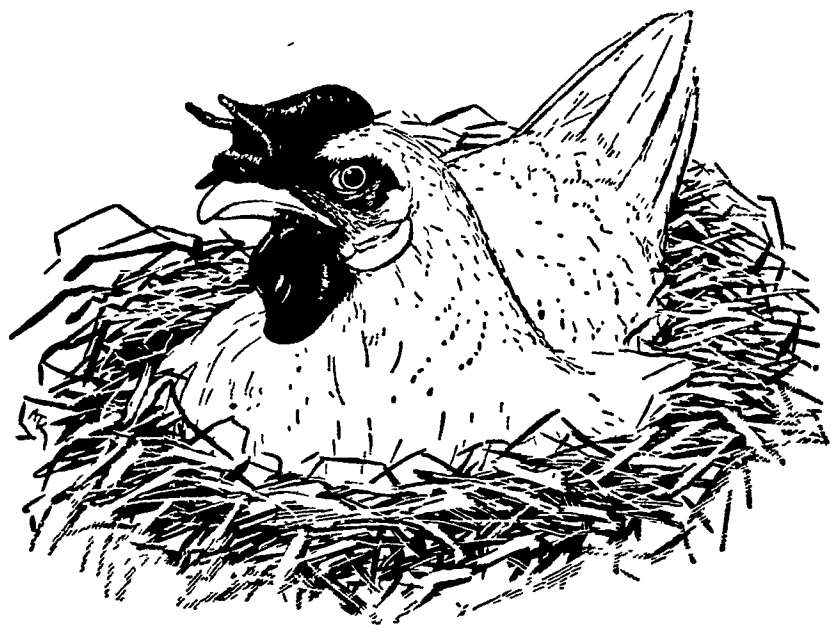

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Anthrax Disease in Cattle Is a Thing of the Past - - Almost

Small-fry cowboys may be disappointed to learn that Maryland's folklore never included the romance of cattle trails in the Old West

And modern-day writers of television Westerns probably aren't aware that even real-life seasoned cowboys on cattle drives often had to turn their heads the other way to avoid the ugly sight and stench of rotting carcasses resulting from wildfire epidemics of killer diseases like blackleg and anthrax

Except where conservationists have preserved short stretches, the cattle trails have long disappeared And the dreaded cattle-killer epidemics have been considered so well under control that vaccines for them are even somewhat difficult to obtain

But, guess what? Anthrax is still around And a one-farm outbreak of it has occurred twice in the last 3½ years in an unlikely spot like Maryland's Eastern Shore — far removed from the legendary cattle trails

According to Dr Robert C. Hammond, University of Maryland Extension veterinarian, anthrax was diagnosed by a local veterinarian recently in a Kent County dairy herd The diagnosis was confirmed by State Board of Agriculture animal health laboratories at both Centreville and College Park

The case was reported to the Maryland State Department of Health, and milk from the affected herd was prevented from going into market channels for human consumption during a three-week period.

Anthrax in animals is a form of septicemia — or blood poisoning — causing an acute infectious fever and malignant skin carbuncle, Dr Hammond commented in a recent interview It is often fatal, but animals can be saved with antibiotics, if therapy is begun in time

Anthrax can also be transmitted to man One form of the malady in humans is wool sorter's disease, which affects the lungs, producing a fatal form of pneumonia

How did anthrax get to Maryland — and particularly the Eastern Shore? Dr Hammond believes the answer is found in the nature of the organisms which produce the disease

These rod-shaped bacteria form spores which can live in the soil for hundreds of years When conditions of humidity, temperature and ground moisture are right, they become active. One theory holds that anthrax-producing spores are associated with low spots in a pasture where vegetation dies and becomes rotted

The anthrax spores were probably transported to Maryland in bone meal used for fertilizer prior to the advent of modern chemical fertilizers Bone meal and tankage are still used by gardeners and livestock feeders, but modern heat treatment temperatures used nowadays are high enough to kill the organisms.

The original Kent County outbreak in September 1967 was associated with excavation in an old site following a barn fire, Dr. Hammond noted.

U.S. Department of Agriculture veterinarians are spotted in strategic locations around the country to maintain constant vigilance. These exotic disease specialists have the mission of keeping isolated outbreaks of old-time killer diseases — like the anthrax outbreak in Kent County — from ever again reaching epidemic proportions.

The federal veterinarian charged with such surveillance for Maryland and surrounding states is located at the USDA's Agricultural Research Center in Beltsville.

4-H Calendar

Saturday, June 12

Nebraska 4-H'ers visit Lancaster County

Monday, June 14

12 30 p m. — Merry Maids 4-H Club, Martin Meylin Junior High School

Camp Kanesatake, June 14-18

Tuesday, June 15

9 a m — Bergstrasse 4-H Club meeting

7 p m —Garden Spot Community 4-H Club meeting, Girvin's Greenhouse, 17 W Main St, Leola, and J Donald Myer's farm, 410 Willow Road

7 30 p m —4-H Guernsey Club, Clark Coates farm, Nottingham RD2

8 p m —4-H County Council meeting, Farm and Home Center.

Elizabethtown — Donegal 4-H Club, home of Harold Ney.

Wednesday, June 16

10 a m —4-H Strawberry Exhibit and Roundup, Farm and Home Center

Landisville 4-H Sewing Club meeting

Ayrshire, Jersey, Brown Swiss meeting, James Martin farm, Stevens RD1

Thursday, June 17

1 p m —4-H Tractor tour of New Holland Division, meet at Farm and Home Center

July 5 Is Trading Date For Egg Clearinghouse

The Board of Directors of Egg Clearinghouse, Inc, met June 2 at Avalon, New Jersey. The Board announced the official opening of the St Louis Office on June 7.

Membership applications are being accepted for approval at this time

Trading will officially begin July 5.

ECI's offices are located at A I G Building, 150 Weldon Parkway, Maryland Heights, Missouri 63043 Telephone (314) 432-8853

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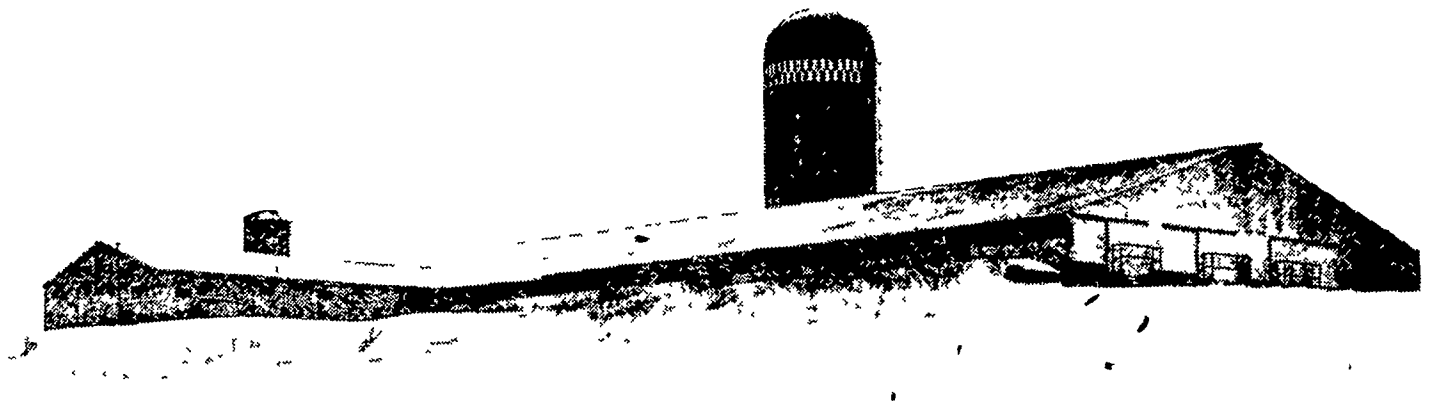

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4-H Club News

Summer 4-H Activities

The following list of 4-H summer activities was announced recently by Miss Joan Lucas, assistant Extension home economist

June 27-July 4, Barron, Wisconsin 4-H'ers visit to Lancaster County, 1 p m July 8, County Demonstration and Public Speaking Day, Farm and Home Center; July 14, District Demonstration Day, Owen J Roberts High School

July 15-22, 4 H Exchange Trip to Ashville, North Carolina, July 24, Horse and Pony Roundup, Lancaster Riding Club, July 27, 28, 4-H Dairy Roundup, Guernsey Sales Pavilion, August 5, County Dress Revue, Farm and Home Center

August 9, 10, 11, 4-H State Days, University Park, Pennsylvania, August 19, Achievement Day, Farm and Home Center, August 23, 24, Pig Roundup, Lancaster Stock Yards, August 26, District Dairy Show, Farm Show Building, Harrisburg

Strawberry Roundup Set

The 4-H Strawberry Exhibit and Roundup will be held at 10 a m Wednesday, June 16 at the Farm and Home Center

The 4-H clubbers will be guests of the Lancaster Rotary Club at a noon luncheon

Members are asked to bring 6 to 10 boxes of berries for exhibit and sale Two of the boxes will be entered for judging

The exhibits will be judged between 10 and 11 30 a m , with prizes awarded during the noon program

June Is Dairy Month for 640,000 4-H'ers

June is Dairy Month But there are some 640,000 young people who claim it is 11 months too short.

They are boys and girls enrolled in the 4-H dairy foods program And they back their claims with convincing statements about the need for proper nutrition, three to four servings of milk or equivalent per day.

The young people learn that milk and milk products today are better than ever. Pasteurized, homogenized, fortified with vitamin D and sealed in sanitary containers, dairy products come in an almost unlimited variety — powdered, evaporated, with fat removed There are all kinds of cheeses, sour creams, yogurt, ice milk and ice cream to choose from

The fun is in the eating, the 4-H'ers exlaim And they add that learning to use milk and dairy foods is a good exercise in creativity

They try dairy products as appetizers and beverages, in biscuits, breads and cakes, and in candies, cookies and desserts, too They make dairy products into main dishes like ground beef Stroganoff, delicious salads, sauces and snacks And they find their concoctions popular as well as nutritious.

Looking at dairy foods from a pure economics point of view, the Cooperative Extension Service says that milk and milk products provide about a third of the average American's nutritional needs for less than 20 per cent of the food dollar

There are other benefits, too. 4-H'ers earn recognition.

Lebanon Youth Named to Attend West Virginia 4-H Conference

Harold W Moyer, Lebanon RD1, an outstanding 4-H member, recently was named recipient of an honor trip to attend the West Virginia Older 4-H Members Conference at Jackson's Mill June 28 to July 2

He received the award on the basis of his leadership and citizenship activities, reports Edward A Mintmier, assistant State 4-H leader at Pennsylvania State University

Harold and another 4-H member, Susan Clark, Catawissa RD2, will participate in the conference along with older youth from all parts of West Virginia.

The Older 4-H Members Conference is designed to increase leadership skills in either recreation or music

The son of Mr and Mrs Albert F Moyer, Harold has been a 4-H member eight years He has completed projects in dairy, handyman, small engines, veterinary science, leadership, electric, tractor maintenance, and swine Harold served his local club as president, vice president, treasurer, and game leader, and assisted as a junior leader the past six years.

The honor trip winner participated in State 4-H Days, Pennsylvania 4-H Congress, State 4-H Capital Days, Camp Kanesatake, and Teen Leadership Conference

Harold was selected as the Outstanding 4-H Boy in Lebanon County in 1970 and was a National 4-H Awards winner in leadership

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Nebraska 4-H Visits

Forty-one 4-H'ers and two adults including County Agent Richard Adkins of Geneva, Nebraska, will visit Lancaster County today (Saturday).

The visitors will meet local 4-H'ers at the Farm and Home Center at about 12 noon for a box lunch.

They will visit in the county until about 3 30 p m , then go on to Gettysburg, then to Washington for a 4-H Citizenship short course.

Co. 4-H Dairy Judging Set to Begin June 17

The first 4-H dairy cattle judging practice session of the season will be held from 8 30 a m. to 3 p m. June 17.

Interested 4-H dairy members will meet at the Farm and Home Center Paul Anderson, Penn State dairy Extension specialist, will assist Max Smith, Lancaster County ag agent, with the group.

Besides providing 4-H'ers an opportunity to learn more about judging dairy cattle, the practices result in selection of a county judging team to represent the county in the state contest in August

Cracked, Broken Eggs Viewed As Important Industry Issue

(Continued from Page 1)

eggs, according to Irwin, include cold eggs going into hot water, eggs hitting each other, pressure in picking up eggs, bumped eggs in the line of production, and thin egg shells.

Sauder gave some additional factors for egg shell deterioration: breeding, poor vaccination, careless handling on the farm or elsewhere, faulty gathering equipment, and keeping hens too long.

Herb Jordan, Penn State poultry specialist, said he doesn't think that breakage is much of a problem if it averages only two to four per cent of eggs produced Poultrymen have a problem if the percentage rises to four to eight per cent and the problem is acute if it is over eight per cent. Jordan said he has seen some flocks with 20 per cent cracks

Jordan emphasized that there are at least two to three dozen areas or categories of shell damage. One is a thin shell or thin side. Cracks can occur inside the bird and one study found that 50 of 200 birds had cracks in their eggs before they were laid This indicates that "happiness is a healthy bird," Jordan said

He said that diseases, particularly respiratory conditions, hurt not only egg production and size, but also results in a high incidence of egg damage To cut down on disease and losses that result. he recommended better building insulation, keeping manure dry, stopping waterers from running over, eliminating roof leaks, stopping outside water from coming in, keeping the house ventilated, and cleaning often to keep the building dry.

Dr. Dwight Schwartz, Penn State poultry veterinarian, said that a thin, weak, rough eggshell can result from disease During disease, production falls off as the bird's resources are redirected toward fighting off the disease, he explained.

Only Newcastle and bronchitis produce oviduct damage, which is permanent with a certain number of hens If these hens can be identified, they should be eliminated from the flock because they will always lay thin shelled eggs, he said

He urged poultrymen with flock problems to submit four to six hens which show the basic symptoms of the problem to the state diagnostic lab.

Kermit Birth, Penn State marketing specialist, said cracks can occur from abuse of the egg after it is laid

Sometimes, he said, an egg may be bumped several times before it cracks But the crack which occurred with the final bump may not have resulted if it had not been for the weakening from the previous bumps.

The breaks can occur anywhere from the nest to the table, he noted. "We can never be sure where the crack occurs, because the egg may have been bumped more than once before it cracked."

He said he gets many complaints from consumers that they can't get the egg out of the carton While the damage usually occurs before the consumer buys the egg, the consumer sometimes is at fault, he said

Some areas where problems occur include anywhere that eggs bump eggs, pressure on eggs, lifting eggs up or setting them down, speed in movement, change of direction, conveyors, anywhere in the packing process

Both Jordan and Birth emphasized that large and medium eggs have a much smaller breakage rate than do jumbo and extra large eggs They indicated that this may result because the larger eggs are handled more under present procedures and because existing equipment and packing is geared primarily for the smaller eggs

In comments on questions from the audience, it was noted that after July 1, 1972, cracked eggs will have to go to the breaker, restricting the potential economic return from these eggs and making sound eggs much more important to the industry.

Asked how many months a flock should be kept in production, Jordan said he doesn't like to see over 12 months unless it's a "good flock" Birth said this is a decision which has to be based on profit.

On the question of the influence of genetics on the breakage problem, Dr Schwartz said certain strains of birds have had much more breakage than others

R. W. Sauder Inc employes who helped show local poultrymen through the processing plant Thursday evening are: left to right, Melvin Gehman, producer service representative; Mrs. Margie Shelly, candler, Kenneth Gibble, company inspector, and Leon Weaver, transportation manager.

Among those participating in the educational meeting on egg shell quality in Lititz Thursday evening are: left to right, Jay W. Irwin, associate Lancaster County ag agent, Dr. Dwight Schwartz, Penn State poultry veterinarian; Herb Jordan, Penn State poultry specialist, and Kermit Birth, Penn State poultry marketing specialist.

Field Day Site Asked

The Lancaster County Soil and Water Conservation District is still seeking a site for its annual Conservation Field Day, according to J Everett Kreider.

Kreider said the District is seeking a 25 to 30 acre field, preferably from someone who is practicing conservation He suggested that barley stubble would be fine.

The annual field day includes tractor plowing and land judging contests and many other activities

Date of the annual event last year was July 28, but no date has been set yet for this year.

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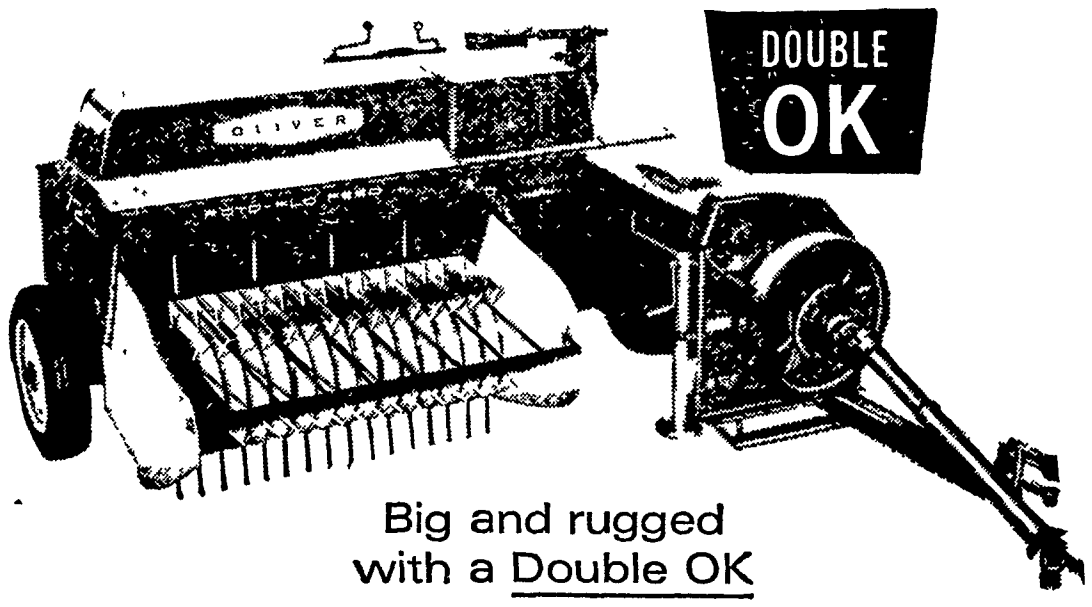

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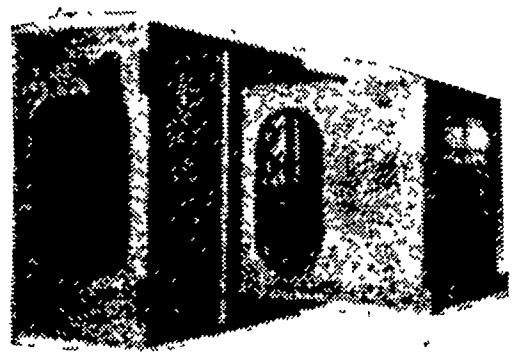

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Which 60 Million Shall Starve?

A return to organic farming, advocated by some environmentalists, would pose the question, "Which 60,000,000 Americans should be selected for death by starvation?" says Earl Butz, Purdue University research foundation

Butz, in addressing the National Agricultural Advertising and Marketing Association, described the current ecological interest as an "emotional, environmental binge," and referred to Americans "over-reaction" to ecological subjects as "faddism." He told the group that environmentalists are the single greatest threat to modern agriculture

Butz believes greater emphasis should be placed on the benefits of pesticides and herbicides used by modern agriculture in the production of food. Conceding that they are poisons, he argued that aspirin is also poisonous when improperly used The greatest challenge to agriculture is to feed a world population which is expected to double by the year 2,000, Butz said

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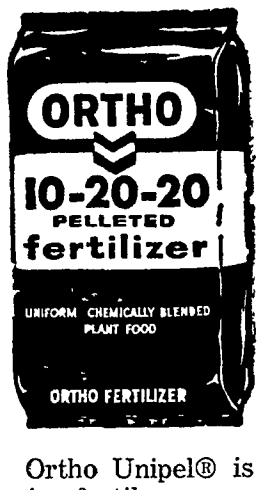

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Local Persons Visit Modern Shippensburg Incinerator Plant

Waste removal is a farm problem. It's also a problem for everyone else

Several Lancaster County officials Thursday visited Shippensburg in Cumberland County to study a new system for handling solid wastes

With the help of a federal grant, Shippensburg is pioneering in a modern incinerator system The incinerator plant handles waste for about 12,000 to 13,000 persons in the Shippensburg area.

Conducting the tour was Walter Smith, Shippensburg borough manager and formerly manager of New Holland borough.

Also present were some representatives of the Lancaster Manufacturers Association, local Extension personnel, some local government officials and interested citizens. Many other groups, including some from the local area, have already visited the Shippensburg facility.

Discussion of the facility at Shippensburg indicated it is primarily an alternative to landfill operations. But it was noted that about 10 per cent of the refuse which goes into the incinerator comes out as a combination of carbons, metals, glass and ash This waste still must be disposed of by landfill

Borough manager Smith said the borough is now working with Monsanto company and other sources in an effort to find uses for the waste that is left over from incineration

In particular, there is hope that the glass can be recovered and sold, as well as the carbons. It may be possible to recover other materials as well.

Presently the borough is planning to use the material as a filler in road construction.

If uses can be found for the material left over from incineration, it would eliminate the need for landfill following incineration In addition, it is anticipated that income from sale of the materials could play a major role in recovering costs of operation and in making incineration as a waste disposal system much more economical for more communities

Basically, the reuse would be a form of waste recycling, a concept which has been receiving growing attention

One of the primary advantages of the Shippensburg system over existing systems is that it contains an elaborate and effective means of eliminating air pollution. While burning up and eliminating solid wastes, many present plants create an air pollution problem.

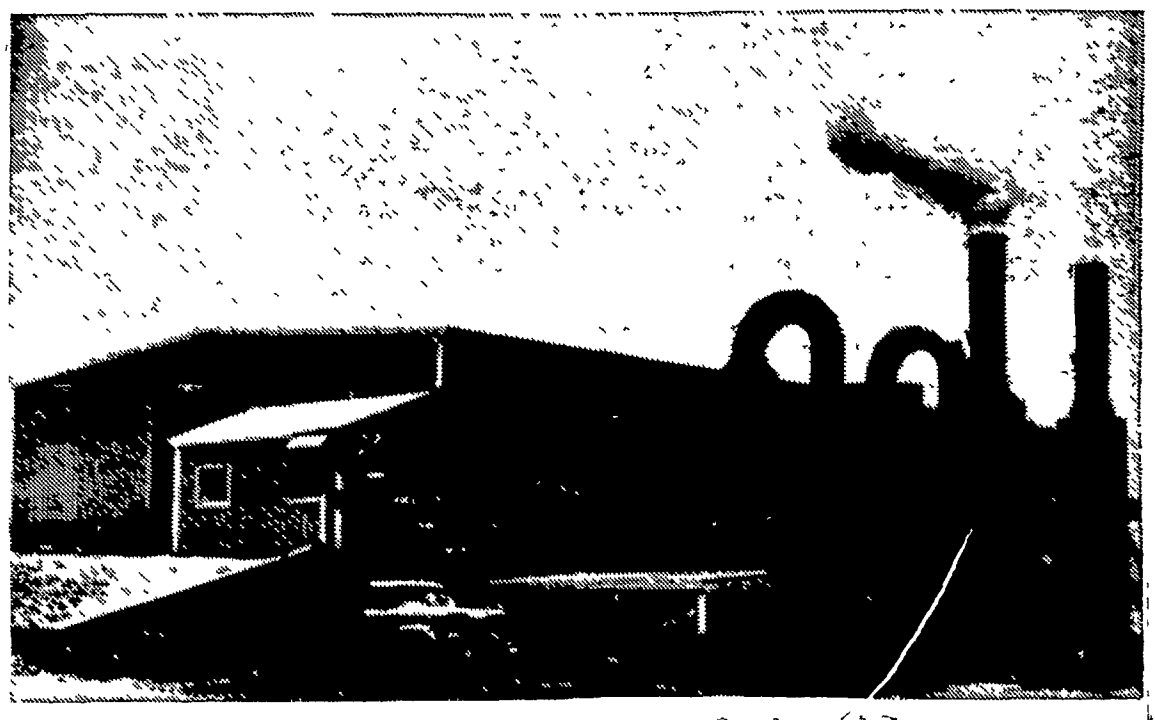
Primary drawback of the Shippensburg system for local communities, however, it was indicated, is that it costs much more than landfill operations. Shippensburg pioneered in the incinerator primarily because its soils are not suitable for landfill.

Areas which can use landfill, speakers said, can remove wastes for as low as one dollar per ton, although most run in the area of two to three dollars Smith said Shippensburg's system has had costs running from six to eight dollars a ton and this did not include the cost of financing

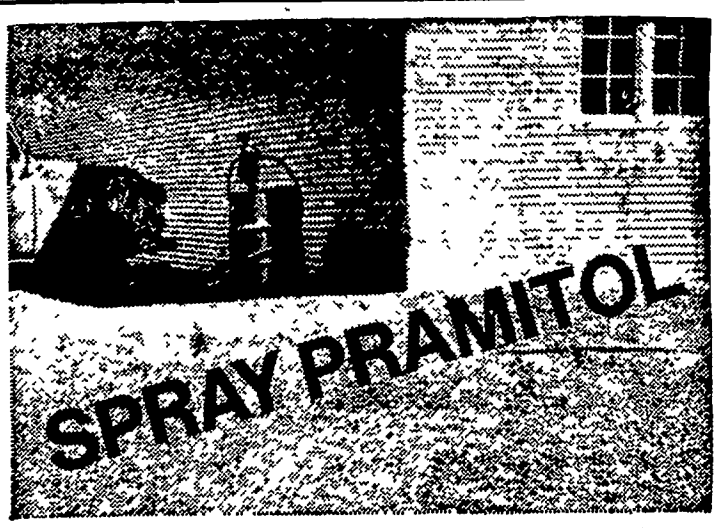
Smith said the facility cost about $700,000 A government

(Continued on Page 12)

Local visitors discuss various aspects of the Shippensburg incinerator plant Thursday.



This is a view from the front of the incinerator plant at Shippensburg. The smoke is not pollution; the smoke goes through several cleaning processes and comes out as a nearly clean, white steam.



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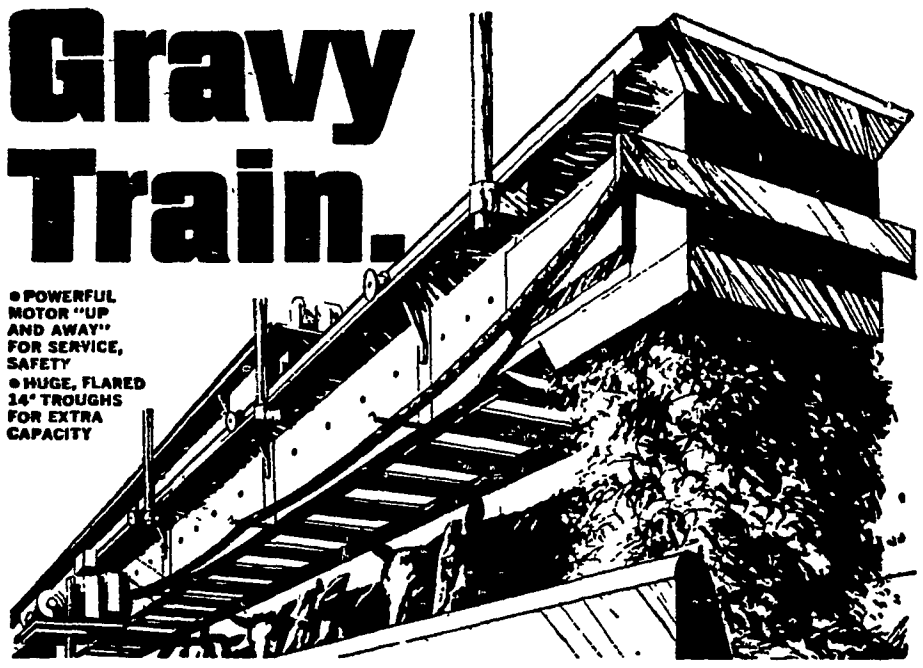

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VAN DALE

Merrill Urges 'Preservation of Independent Milk Firms'

Howard Merrill, President of Eastern Milk Producers Co-operative Association, Inc, discussed the causes of some of the marketing problems which beset the dairy industry as he delivered his annual address to several hundred delegates and industry leaders in Hotel Syracuse Wednesday (June 9).

The occasion marked the Co-operative's forty-ninth annual convention. Since its beginning in 1922, Eastern has grown to become the nation's leading grade "A" milk bargaining co-operative with nearly 10,000 dairy farmer members in six states of the northeast region. Eastern markets over 2,750,000,000 pounds of milk to independent milk companies in all five federal order markets in the east.

Merrill said, "Buyers of milk must be assured a cost of product approximately equal to the cost of their principal competitors. Operating cooperatives engaged in processing and packaging milk are extracting substantial membership dues in addition to cooperative payments in the New York Pool and using these moneys to underbid independent milk companies in the marketplace.

"This, I think, is the number one issue of the dairy industry today, as well as it was a year ago If cooperative members who supply milk to processing and packaging cooperatives are willing to have these cooperatives extract substantial membership dues to subsidize the sale of their product, I think we will continue to have serious marketing conditions, not only in this market but across the United States.

"Independent proprietary milk companies must pay the federal order minimum blend price and they cannot be expected to compete under unfair competitive conditions of this nature.

"We will not let up on our efforts to see that there is a meaningful bonding law in the states of New York, Pennsylvania and Vermont We will also continue to urge that each farmer in each of those states shall be given the opportunity to make up his own decision as to whether or not he should be a contributor to money used for milk promotion and research.

"We are concerned about the loopholes in the National Agricultural Marketing and Bargaining Act.

"And we want to retain the Department of Agriculture, and have so urged with particular emphasis on re-allocating the cost of certain items charged to the Department of Agriculture which should be charged to

(Continued on Page 12)

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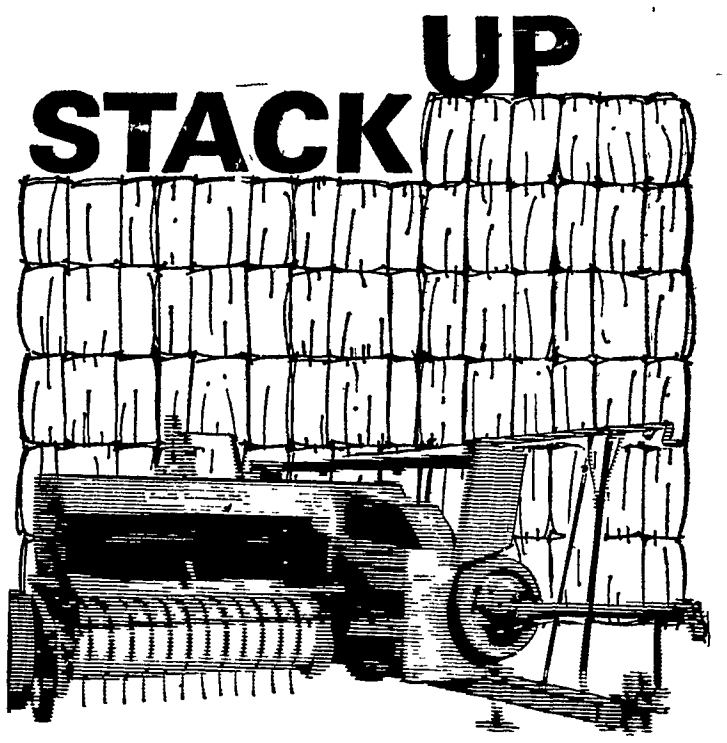

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Local Persons Visit Modern Plant

(Continued from Page 10)

grant offset about $400,000, he indicated

Builder of the Shippensburg system is Kennedy Van Saun (KVS) A representative of the firm said improvements have been made on the Shippensburg plant and it can be obtained in a larger model

The Shippensburg operating capacity is about 6,000 pounds per hour

The tour was organized by Donald A Harter, Penn State regional Extension resource staff Harter said the purpose was "to study the advantages and disadvantages of incineration as one of the potential methods which might be used as an alternative to or in conjunction with the standard landfill operation"

Others making the trip included Max Smith, Lancaster County ag agent, Robert Hostetter and Harry Cooper, Mount Joy township supervisors, Benjamin Landis, Paradise township supervisor; Immo Suylok, West Lampeter township citizen; Leonard A Steiner Jr, Kerr Manufacturing Corp; Phillip Howlett, Pennsylvania Malleable Co, Dean Keller, executive secretary of Lancaster Manufacturers Association; Oliver Swartz, Hummelstown borough manager, and Leroy Umberger, Humelstown borough council president, William LaCour, planning analyist, solid waste section, Pennsylvania Department of Environmental Resources, and others.

'Preservation of Firms'

(Continued from Page 11)

other departments We will be watching amendments to the Federal Milk Marketing orders to provide for mandatory milk promotion upon the approval of order amendments

"We will continue to urge the establishment of an economic escalator formula for the pricing of Class I milk predicated on economic conditions in this region.

"We will continue to get proposals under way to zone bulk producers at the farm and to establish the farm as a point of pricing And we will continue to watch the level of support prices, which we helped to obtain at 85 per cent of parity."

Merrill concluded his remarks by again assuring Eastern's buyers of milk that their cost of product should be equal to their principal competitors, and the principal competitor today is the processing and packaging cooperative which has the advantage of utilizing income from membership dues to subsidize its distribution business

"We must preserve the efficient enterprising independent proprietary milk company. By preserving these independent milk companies, we can be assured of alternative markets for our milk, minimal dues to cooperative organizations and maximum prices to dairymen"

Cereal Ads Urge Milk

Ads for two new "monstrously good" cereals from General Mills, Count Chocula and Franken-Berry, promote milk

"One ounce of either cereal provides eight essential vitamins plus iron," the ads read

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Milk also gets a boost from Carnation A new ad for Carnation's Instant Breakfast says 'Carnation instant breakfast makes milk this kind of nutritious meal" Copy goes ahead to point out, "Milk contributes substantial nutrition — and then, to make milk a meal — Carnation instant breakfast contributes the rest of the protein, vitamins, minerals and food energy

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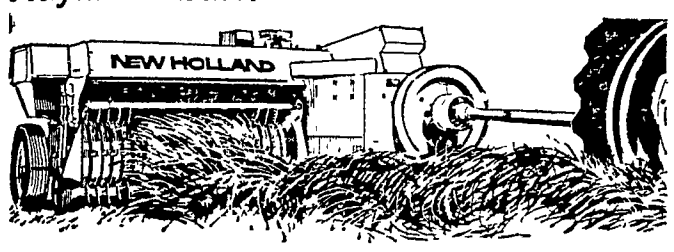

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Chester-Delaware Youths To Attend Co-op Institute

Twelve outstanding local boys and girls have been named winners in the Cooperative Business Education Program sponsored by the Chester-Delaware County Council of Farmer Cooperatives and will represent this area at the Pennsylvania Association of Farmer Cooperatives Summer Institute at Shippensburg State College, July 11-15.

Those chosen to attend the Institute are· Jennifer Riggs, Paoli; Janet McAllister, Oxford; Cindy Tompkins, Kennett Square, Frank Mast, Elverson; Mike Mowrer, Chester Springs, Jay Ford, Coatesville; Stanley Guest, Pottstown; Vernon Umble, Atglen: and Wayne Stanton, Lincoln University first year members.

Sharon Mast and Edward Galloway, Elverson, and Patti Yarnall of Oxford, agribusiness explorers, will return to the Institute as second-year scholars

Winners were selected on the basis of a quiz on the cooperative way of doing business and an activities report filled out by the participants identifying them with school, community, church, and youth organizations.

These young leaders will be accompanied to Shippensburg by John H Schwartz, assistant Chester County agricultural agent, who will act as chaperone and resource person for the delegation

The Institute program is designed to teach youth more about the free enterprise system in America, to help them in planning their future by pointing out career possibilities in agribusiness, and provide opportunities for individual leadership development.

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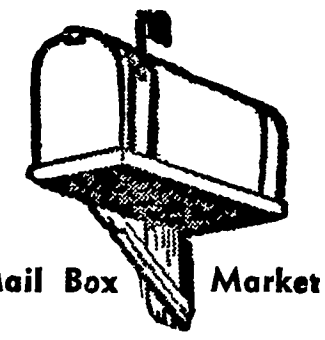

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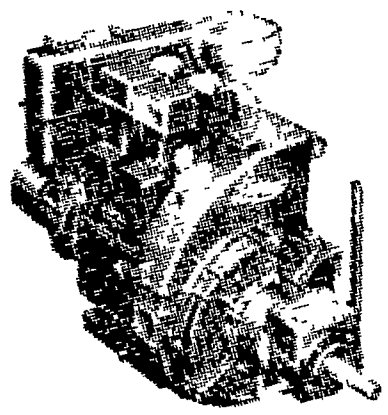

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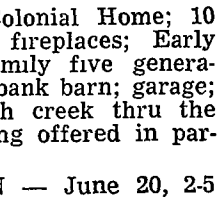

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Sheep Referendum Ballots Sent

Ballots for voting in the June 7-18 national referendum on extending the wool and lamb market promotion program have been mailed to all known wool producers in Lancaster County, announced Fred Seldomridge, Chairman of the Lancaster County Agricultural Stabilization and Conservation (ASC) Committee

'The vote will determine whether producers will continue their support for the wool sales promotion program," Seldomridge said, 'but it will not affect present wool payment legislation"

Under the new agreement, the U S Department of Agriculture and the American Sheep Producers Council (ASPC) would set up payment deductions of up to 1½ cents a pound on wool marketed during 1971-73 and 7½ cents a hundredweight on the unshorn lambs marketed Funds collected would be used by the ASPC to continue a program of advertising, sales promotion, and related activities for wool and lamb

The ASC Committee Chairman said a similiar agreement was approved by 79 9 per cent of the wool producers voting in a 1966 referendum

The wool and lamb promotion program, for the year ending June 30, 1970, cost about $3 4 million The budget for the current year is $3 2 million Because wool production has decreased, payment deductions have declined to about $2 8 million ASPC has been able to maintain its promotion activities by using reserve funds The Council's present wool promotion is on a national basis in cooperation with additional or matching funds from other segments of the industry Lamb promotion now is concentrated in high lamb consuming areas

Anyone who has owned sheep, 6 months old or older, for 30 consecutive days during 1970 may vote in the two-week referendum

Approval of two-thirds of the total number of producers voting nationally, or of producers having two thirds of the total volume of wool production represented in the referendum, must be obtained before the agreement can go into effect

"Ballots may be mailed or brought to the County ASCS office beginning June 7," the Chairman said "Anyone who believes he's eligible to vote but has not received a ballot by June 10 should get in touch with the County ASCS office

"To be counted, ballots must reach the County ASCS office before close of business, Friday, June 18 " he cautioned

The Lancaster County DHIA Program

Dairy Herd Improvement Association (DHIA) testing has been a very important part of the dairy business for many years throughout the country

Through this local testing service, dairymen are able to evaluate the production ability of their cows

The Red Rose DHIA of Lancaster County has been the largest association in the state, if not in the country The local association includes approximately 700 herd owners with 430 herds on the regular DHIA program and the remaining 270 herds on the Owner-Sampler program.

For the past several years, dairy authorities have been promoting one testing laboratory in the state to do all of the DHIA testing Late last year this laboratory has completed and was dedicated earlier this spring on the campus at Pennsylvania State University

At the present time nearly all of the milk samples from all Pennsylvania counties are being tested at the central laboratory at Penn State.

Under the present program, the local DHIA Supervisor will draw the milk sample from the local herd and sent it to the central laboratory; the samples are tested there and results are mailed back to the dairymen. This method favors efficiency in the testing work and greater uniformity in reading the butterfat test

The Red Rose Association includes 14 Supervisors who make regular monthly visits to the dairy farms The head supervisor is J Wilbur Houser, Lampeter

The Association is operated with a board of directors including a director from each of 14 groups. President of the Board is Donald S. Eby, Gordonville RD1

Max Smith,
Lancaster Co Ag. Agent

Co. Official Retires

Russell H Anderson, vice president for purchasing of New Holland Division of Sperry Rand Corp , has retired, according to New Holland president Kenneth F Thompson

Anderson, 2631 Mondamin Farm Road, joined New Holland in 1947 as a purchasing agent and was named director of purchasing in 1951

In 1965 he became vice president for purchasing. In that capacity he has had staff accountability for all domestic and international purchasing activities of the company

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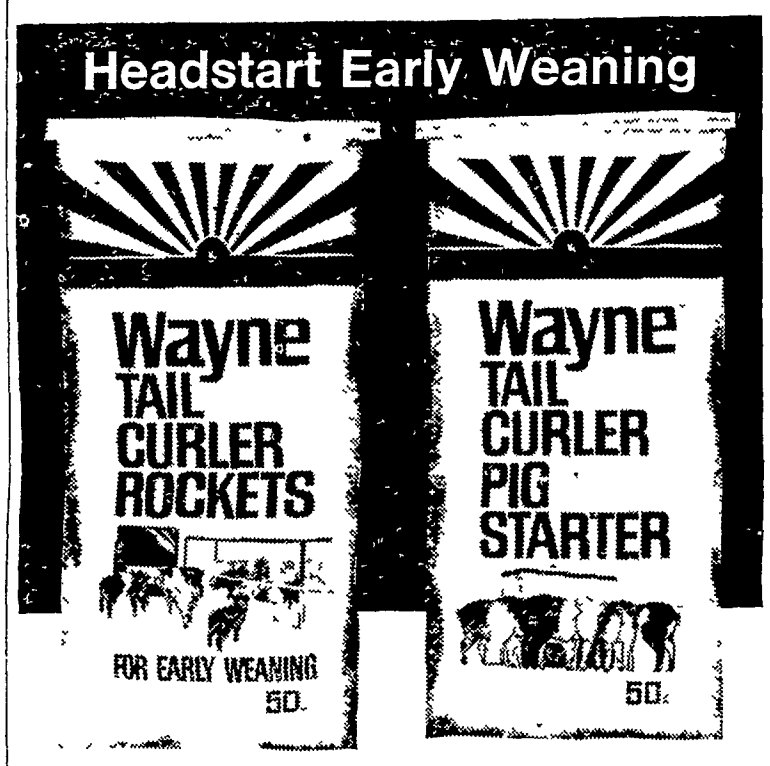

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Follow with all-new, highly fortified Wayne Tail Curler Pig Starter, with the quality protein to build 50 pounds of pig *fast!*

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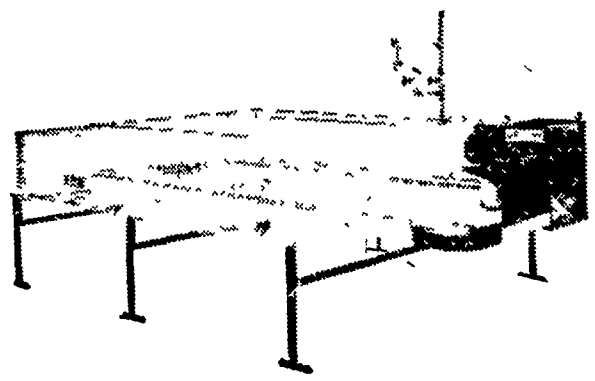
Hinged bottom model Chik-Eze includes egg tray which can be put into use at 10 weeks.

This feature will actually permit birds to be kept in the start/grow cage at full laying age if necessary. It also eliminates problems of egg gathering and egg breakage if circumstances delay movement of pullets to grow/lay or permanent lay cages, and it takes care of eggs from birds that lay prematurely The lowered floor provides a 2 inch gap for eggs to roll out onto tray.

THE ALL NEW FLAT DECK CHIK-EZE PULLET REARING CAGE



. . . offers durability, economy, performance and practical labor saving features that increase management efficiency. The heart of the system is the Big Dutchman chain and trough feeder providing 96 inches of feeding space per cage There is full availability of all the feed to all the birds. All feed is automatically recirculated and remixed, resulting in better feed consumption.

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Manure Drying System Cuts Odors, Weight; May Lead to Commercial Product

Is Cloisterdale Pioneering Poultry Industry Breakthrough?

Two Long Island, New York farmers and their county agent were in Lancaster County recently to see a new poultry manure disposal system in operation

Accompanied by Jay W Irwin, associate Lancaster County agricultural agent, the visitors viewed the new manure drying system at Cloisterdale Farms, Ephrata RD1.

Cloisterdale now has the new system installed and in operation at three of its nine 30,000 bird houses

The system is the first commercial operation based on research by Dr Glenn Bressler and his associates of the Penn State University poultry staff

Basically, the concept involves a system of stirring the waste with pulley-driven metal equipment and drying it through the use of large fans.

The concept has two key attractions in relation to present manure systems.

First, the drying action kills bacteria which cause odors, thereby eliminating the odor factor which some poultrymen have found to be serious, particularly where the farm is near residential areas.

Second, the system reduces the weight considerably by eliminating a large portion of the moisture The Cloisterdale operation reduces moisture to about 30 per cent. This in turn greatly reduces the weight and volume of waste to be handled.

Dr. Bressler and the Penn State staff are continuing to work toward development of a system for further drying the manure to the eight to ten per cent level to further decrease the weight and help make the product feasible for commercial sales

It is hoped that manure, instead of being a liability to poultrymen and a waste product which must be disposed of in the fastest and least costly manner possible, can become a saleable and profitable asset for the poultry industry.

Irwin pointed out that the Cloisterdale drying system has become a model for the industry and that the firm is now receiving visitors from several states and from other producers within Pennsylvania who have waste disposal problems and need to find a permanent solution

The visitors from New York recently were Pete Kerber, owner of Kerber's Poultry Farm, Huntingdon, Long Island, and Edward Makinajian, owner of Makinajian Poultry Farm, Long Island, and their Suffolk County ag agent, Robert L Brown Kerber and Makinajian each have about a 12,000 layer operation that includes retail stores

Kerber in particular emphasized that he is surrounded very closely by residential neighbors and that he must find solutions to his waste problem, particularly the odor problem

Kerber has attempted a system similar to the Cloisterdale system, but he made the trip here because it wasn't working satisfactorily.

In particular, he indicated that the manure wasn't being dried to the 30 per cent level and he wanted to find out why

The visitors toured the three Cloisterdale buildings which have been converted to the new system The system was explained in detail and questions were answered by Ed Bowser, production manager Later, the system was further discussed with Glenn Herr, farm manager, and Dr Bressler, who stopped by with other Penn State poultry specialists.

Kerber was told that probably the air flow is not sufficient under his present set-up to achieve adequate drying Kerber indicated that his fans blow the air in one direction, but the air is exhausted to one side It was indicated that he should provide for exhaust of the air in the direction in which the air is blown by the fans Under the present side exhaust system, not enough moisture is being removed from the building, it was indicated.

During the discussion, the necessity of providing a ventilation system which will remove the moisture was repeatedly stressed

Cloisterdale has gained considerable experience with its new system and has made several changes and modifications to make it work better and more efficiently Starting out with 63 fans in the first building, the number was reduced to 52 in the second and to 48 in the third The firm anticipates that further reductions can be made in the future as the firm gains experience with converting its present liquid system.

Experience has shown, for instance, that with an even distribution of fans throughout the building a better drying job is achieved at the far end of the building away from the fans Bowser speculates that this is true because as the fans carry the moist air from the back of the building to the front more and more moisture accumulates in the air.

Since removal of moisture is the key to the whole operation, it's believed that in the future a more even drying can be achieved by placing fewer fans at the rear of the building and more toward the front

It's steps like these that represent continued perfection of an already going system

Actually, the biggest hurdles already are past Bowser noted, for instance, that when the firm was converting the first building, it nearly gave up on the whole idea when high moisture levels began to accumulate in the building The problem became so serious that the wood was getting wet and if the problem hadn't been solved the building would soon have been destroyed by rot, Bowser said The firm made several changes in the system at this point and the problem was solved No one is certain what change solved the problem but Herr said he believes it was probably the introduction of exhaust fans to take the moisture-laden air out of the building

The firm previously used a pit system involving mixture of water with the waste and removal of it as a liquid

But the liquid system didn't solve any problems and it created some Addition of water to the waste, for instance, greatly increased the weight and volume of matter which had to be disposed of

With increasing public concern about the environment and more stringent enforcement of health and environment laws by government, Cloisterdale officials have indicated there is greater pressure to reduce odor and pollution through water run-off

A particularly critical problem with the liquid system is timing Although neighboring farmers have cooperated in taking the waste on their fields, it can only be taken at certain times that will not interfere with crops Severe run-off problems can occur if the material is spread when the ground is frozen

The combination of restrictions has limited the spreading of the liquid waste to a relatively short period during the year and this period doesn't always fit well with Cloisterdale's own needs

By eliminating the odor and greatly reducing the weight, Cloisterdale hopes eventually to provide a much broader usage of its manure, perhaps even making it a profitable commercial fertilizer or ingredient in existing fertilizers.

Instead of competing for time and space to unload a waste product, Cloisterdale hopes there will come a time when others will compete to obtain a desirable product

Kerber of Long Island thinks this is a realistic goal Even with his present product, which isn't nearly as good as the Cloisterdale product, Kerber says he already has a demand from his residential customers He envisions the poultry fertilizer as a potential major sale item at his retail outlet

But first Kerber has to solve his production problems That's why he came to Cloisterdale, talked to Cloisterdale officials and the Bressler staff to find out how to do the job right

The Long Island group is only one of many to show deep interest in the Bressler Cloisterdale system While the local operation is one of the most advanced using the new drying concept, similar research is reported underway in many other states

There's growing conviction that the new drying system will be the biggest breakthrough in the poultry industry since the Marek's vaccine.

Many within the poultry industry consider the waste problem as by far the industry's most critical problem. And the feeling is growing that the Bressler-Cloisterdale system will solve this problem

Grange Leadership School Slated

Key personnel from the 60,000-membership Pennsylvania State Grange will be enrolled from nearly every county in the state in the 48th Grange leadership school, June 22-24, at Gettysburg, according to A. Wayne Readinger, master.

For the fifth consecutive year, the three-day in-service training program will be on the Gettysburg College campus where dormitories and dining commons will provide food service and lodging.

Readinger said discussion and workshop programs will focus on techniques aimed at developing leadership potential Training will be directed to masters, overseers, lecturers and chairmen of junior, youth and women's activity They will represent nearly all of the 57 Pomona granges and more than half of the 623 subordinate bodies throughout the state.

Heading the four major divisions of the school will be Miss Mildred M Shultz, Somerset, state lecturer, Mrs Ross Metz, Allensville, state chairman of women's activities, Mr and Mrs Kenneth Schlegel, Fleetwood RD3, youth co-chairmen, and Mrs. Alan Merkel, Kutztown RD3, junior chairman

O Walker Shannon, Aliquippa, Regional Agency Manager for the National Grange Mutual Insurance Company, past state lecturer and past state overseer, will be keynote speaker at the opening session Dr Frank B Williams, dean of students, will give a welcome address for the College.

Guest speakers will include Dr William M Smith Jr, from the Pennsylvania State University, and L S Willson, liaison manager for the Dupont Company Wilmington, Del Willson will address the school banquet June 23 Readinger will preside

See Editorial Page

Editor's Note See editorials, Max Smith column and Rev. Lawrence W. Althouse column on Page 20.

This page, which we call the editorial page, has been permanently moved to the fourth page of Section Two. While it has a new location, the page itself is the same as before

It's easy to find It's in the same location as before, except it's in Section Two instead of Section One.

The change also allows some of our markets, particularly the poultry markets, to be carried on page four Markets now are on pages two, three and four.

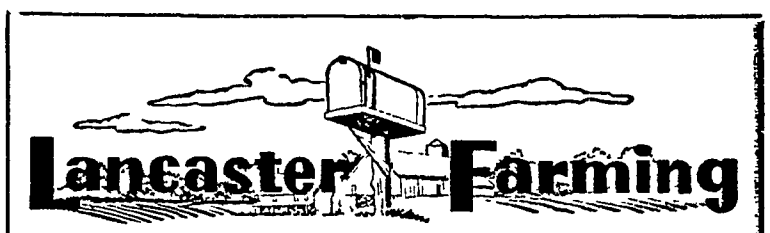
Poultrymen Set Annual Meeting

The annual meeting of the Lancaster County Poultry Association has been set for October 14 at the Plain and Fancy Restaurant, Bird-in-Hand.

Enos Heisey, Agway, Harrisburg, *director of public relations,* Agway, will present a slide lecture on agriculture in Africa

Plans for the annual event were made at the Association's regular meeting Monday at the Farm and Home Center.

It was reported that the Association has sold all of it's 111,000 placemats to local restaurants. The placemats, in cooperation with the Pennsylvania Poultry Federation, promote egg consumption.



Second Section

Masonic Homes, Conebella Ayrshires Honored

Two area Ayrshire farms received recognition for outstanding achievement at the 96th national Ayrshire meeting and banquet in Louisville, Kentucky, recently

Masonic Homes Farm of Elizabethtown received one of 12 French Memorial Trophies awarded for outstanding milk production for herds enrolled in official DHIR milk testing programs

Having the second highest milk production for Ayrshire herds of 75 to 100 cows, Masonic Homes' 86 cows averaged 12,288 pounds of milk at 4 per cent butterfat in 305 days

A Masonic Homes' older matron was recognized for her lifetime milk production achievement of 100,000 pounds during 1970 She was Mt Harmon Preferred Belinda with 111,610 pounds of 4 5 per cent milk with 4,982 pounds butterfat A special certificate was presented for this achievement

Elsewhere at the annual meeting, Charles H Gable, owner of Conebella Farm, Elverson, earned his thirteenth Constructive Breeder Award in recognition of herds in which the owner excels in breeding for both milk production and superior body conformation Some 48 breeders qualified for this honor in 1970

On a strict twice-a-day milking schedule for 305 days, Gable's cows made an annual production average of 14,113 pounds of milk and 561 pounds of butterfat The type classification score average was 85 7

One of Gable's older cows was recognized for her lifetime milk production achievement of 150,000 pounds During 1970, Conebella Champion 2nd reached 151,062 pounds of milk and 6,915 pounds of butterfat for a 4 6 per cent test A special certificate was awarded

Conebella R C Sue, a junior yearling heifer owned and exhibited by Gable was Junior Champion at the Kentucky National Ayrshire Show.

Later she sold in the Grand National Ayrshire Sale to Paul & Iva Hebbe of Fort Atkinson, Wisconsin for $775

R C Sue is sired by Conebella Ruth's Commander, a bull bred by the Gables and in service at Atlantic Breeders Cooperative at Lancaster.

Farm Women Plan 54th Convention

Mrs John N Hess, president of the Society of Farm Women of Lancaster County, recently appointed committees for the 45th annual County Convention planned November 6

The local society presidents serve as key persons and are authorized to involve all members of the local society she represents.

In other action at the meeting at the home of Mrs Hiram Graybill, Lititz RD2, Mrs Glenn Myer, Kirkwood, second vice president of the county Society, resigned for health reasons The resignation was accepted by the executive board

Assisting Mrs Graybill, president of Society 5, as hostess was Mrs Robert Summy, president of Society 26 Mrs J Everett Kreider led devotions; Mrs Aaron Denlinger, first vice president led the pledge to the flag, Mrs. Leo Snader, secretary, and Mrs J Clayton Charles, treasurer, also participated

Named to the program committee for the November convention is Mrs Lester Kreider, Society 18, Mrs. Leon Thomas, Society 14, Mrs J Edward Brenneman, Society 9; and Mrs Lloyd Herr, Society 22.

Mrs Graybill Hollinger, Society 1, Mrs Jack Henderson, Society 25, and Mrs Donald Horning, Society 30, will be on the nominating committee.

Mrs. Elam Hess, Society 20 and Mrs Richards Wood, Society 21 will be in charge of the memorial service Mrs Robert Summy, Society 26, Mrs Eugene Hummel, Society 13, and Mrs Roy Sauder, Society 27, are in charge of decorating Ushering will be handled by Mrs Robert Garber, Society 4, and Mrs Jacob Evans, Society 10.

Mrs Leigh Walton, Society 15 and Mrs. Roy Hollinger, Society 24 are in charge of tickets The Bazaar table will be planned by Societies 29, 23, 16, 11, and 12 with Mrs Dale Hiestand, Mrs. Robert Rohrer, Mrs Levi Groff, Mrs. Esther Musser and Mrs Lamar Henry Mrs Robert Gregory, Society 3; Mrs Lloyd Derr, Society 8, Mrs Marlin Hosler, Society 2, and Mrs Martin Hershey, Society 7.

The auditing committee will include Mrs Milton Eberly, Society 6, and Mrs Everett Kreider, Society 17 Mrs Kenneth Warfel, Society 19, Mrs Hiram Graybill, Society 5, and Mrs. William A Dean Jr, Society 28, will serve in charge of guests.

Mrs Hess asked for volunteer hosts to assist with the entertaining of a group of German farm women during a visit to the United States in October.

Also during the County executive board meeting, Mrs Robert Garber reported on the Community Council of Lancaster County Citations dinner.

Mr William Hammers presented a plan for local groups to earn profits through the sale of household items to increase their general funds Gimbel's of Park City offered community room facilities to Farm Women for meetings and also outlined banquet or luncheon facilities to be arranged according to availability Mr Hess may be contacted for additional information

The executive board consisting of county officers and local presidents will host a picnic for children in the Hempfield area attending camp for emotionally disturbed children on Aug. 13. Serving on the committee are Mrs Donald Horning, Mrs. Jack Henderson, Mrs Everett Kreider and Mrs Dale Hiestand.

Societies 12 and 13 will entertain guests of Conestoga View on June 17 Societies 14 and 15 will visit July 15 and Societies 16 and 17 will entertain August 19.

The annual picnic and executive board meeting will be held at Safe Harbor Park at noon on August 4 It is open to all Farm Women and their families and is a covered dish luncheon.. Each person is asked to bring a covered dish and her place settings. Beverage will be provided.

Missionaries Return

Anna Mae Herr and Ruth Sauder, EMBMC missionaries at Pine Grove Academy, Honduras, will arrive in the Lancaster area June 20 Miss Herr's address will be 1125 Beaver Valley Pike, Lancaster Miss Sauder's address will be Manheim RD1.

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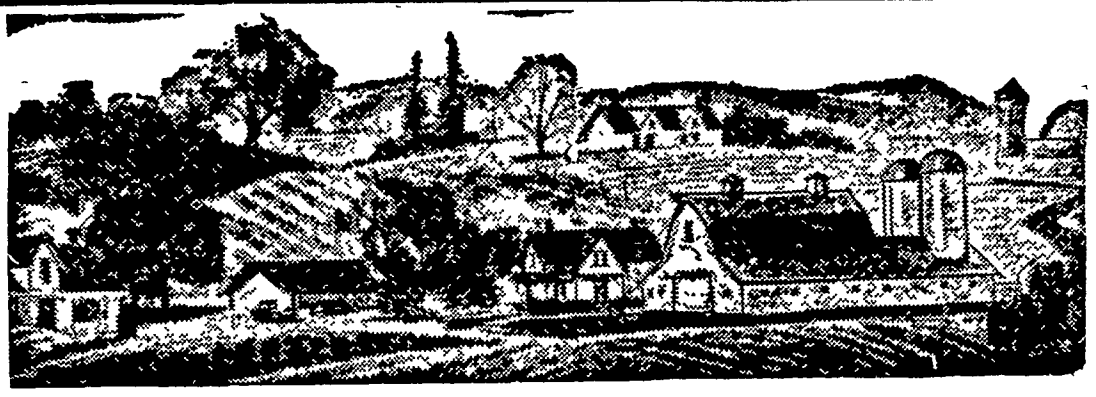

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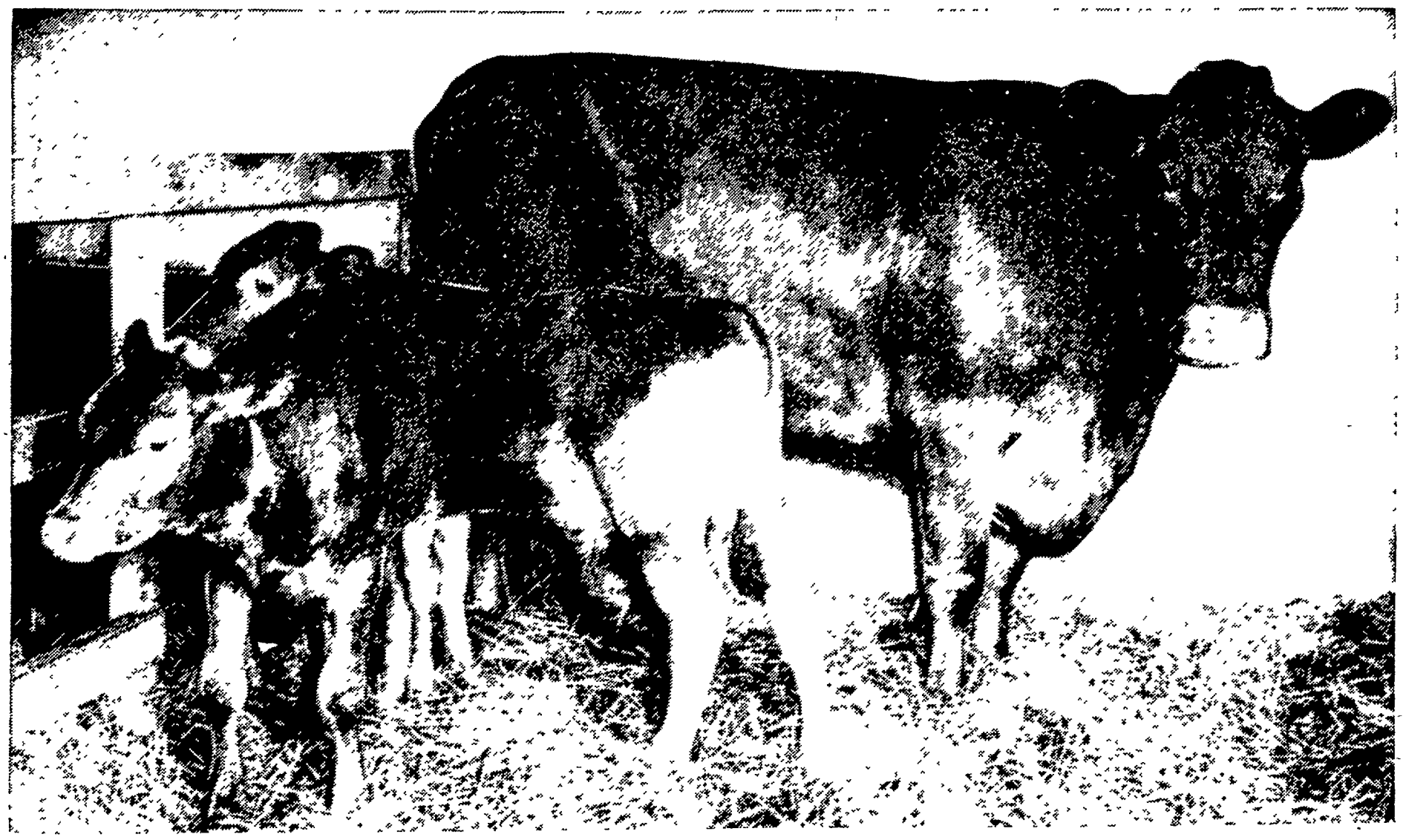

"One ton of beef per cow per year" is the result reported from the South Devon beef system in England. The system utilizes double suckling. During a nine-month lactation, one cow nurses her own calf and that of another cow which is being milked. Ordinarily, the two calves are ready for slaughter at 12 months weighing nearly one ton total. A United Nations report indicates the average milk yield for the South Devon is 6,550 pounds of milk in a 305 day lactation with butterfat content averaging 4.19 per cent.

Nutrition Sells, Research Needed, Official Says

Willis A. Gortner, director of the USDA's Human Nutrition Research Division, says, "There are at least two major myths that I think are blocking public support, or indeed, public demand, for concerted and expanded action in the field of nutrition."

One of the myths, Gortner says, is the idea that nutrition does not sell food. He says this "is just poppycock," and points out the major growth in various low-calorie items, the success of two per cent milk fat products. the growth in sale of orange juice and the shift to polyunsaturated vegetable oils as evidence that refutes the myth.

The other major myth, the nutrition director says, is that people think we know enough about nutrition.

"Let's don't assume that we know enough. We have a national goal that every American child will have the advantage of an adequate, nutritious diet. The means of achieving that goal must include a major commitment to nutrition research."

Millers Return Here

Harold and Annetta Miller, EMBMC missionaries in Tanzania, are scheduled to arrive in the United States June 23. Their summer address will be 76 Greenfield Road, Lancaster.

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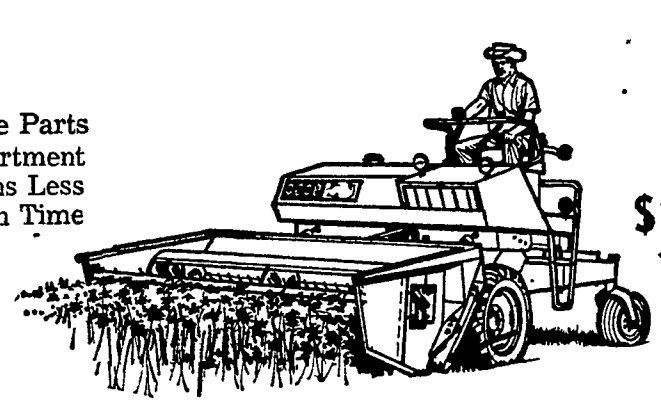

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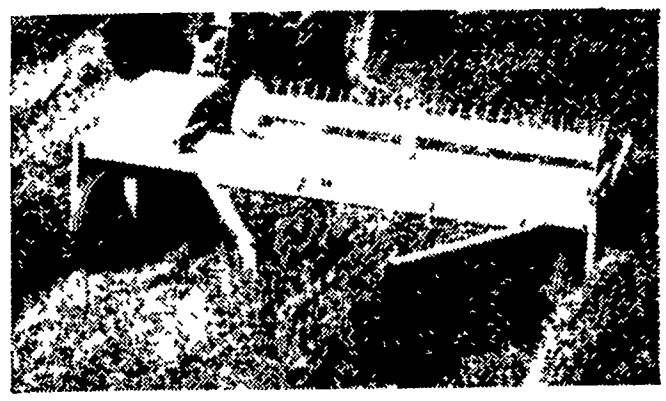

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Holsteins Meaty Beef Animal

Recently we suggested that there should be potential in Southeastern Pennsylvania for farmers who raise dairy animals for beef

Availability of large numbers of dairy calves could help make the idea practical, particularly since obtaining feeder stock has become a problem for beef producers when beef prices are favorable.

The following article in the May 10 issue of Hoard's Dairyman shows that Holsteins, which account for the overwhelming majority of dairy animals locally, gain fast and are meaty. The Hoard's article is as follows

Facing formidable competition from beef and other dairy breeds, Holstein steers were first for rate of gain in USDA agricultural research service feeding trials. Holstein, Jersey, Milking Shorthorn, Angus, and Hereford steer calves were included in the comparisons.

Half the cattle from each breed were on a high plane of nutrition from birth to 180 days, and half were on a low plane. The high plane diet included large quantities of whole milk. The low plane ration was typical for rearing dairy heifers and included milk replacer, grain, and hay.

At 181 days, the calves were divided by breed and previous treatment into three groups and fed, free-choice, finishing ration, chopped hay mixture, or chopped hay until 83 per cent of market weight, and then finishing ration to slaughter weight.

Holsteins gained fastest in both phases of the trials. They also had the largest rib eye area and highest percentage of lean meat and bone of any breed in the study.

Beef breeds produced the most fat, Holsteins the least.

Jerseys and Angus were most tender by taste panel scores.

At equal slaughter weights, Holstein steers will not grade as high as the beef breeds because they lack fat.

While Holstein steers can reach live weights of 1,000 pounds in about a year, they may need to hit 1,400 pounds to add extra fat for higher grade. However, that extra fat might be too expensive to make it pay.

The fact that Holsteins didn't finish out efficiently for high grade may or may not be a serious drawback to use of the dairy animals for beef. The high percentage of lean meat may help to offset this drawback. Or maybe feeding techniques which are both efficient and effective can be developed to increase quality at a reasonable cost.

Sell Milk Through Beef?

We note that other countries have reported highly successful beef operations using two or more calves on one dairy cow.

Since Holsteins, which account for the majority of local dairy animals, are noted for their high milk production and other dairy breeds are reporting good records locally , such a program would seem to be feasible here.

One report we received recently indicated, for instance, that a cow in England which produced about 6,500 pounds of milk fed two calves through nine months and the two were sold at 1,000 pounds each at 12 months That's a ton of beef per cow.

Note that most local dairymen consider a 6,500 pound cow as cull material, that 10,000 pounds is a modest goal and 12,000 to 15,000 average is achieved by many year after year.

It would appear that local dairy animals could support three to four beef animals, at least in the beginning of the lactation, possibly with the number being tapered off toward the end of the lactation.

While the possibilities are interesting, we would caution local farmers to move into such a program with extreme caution. The management factors are many and complex.

In addition to many of the problems of both a dairy and a beef operation, such a program offers some challenges all its own.

Basically, such a program would involve marketing milk in the form of beef, just as farmers now market their crops in the form of milk or beef. Before moving in this direction, the farmer would have to be sure he could make more money by marketing milk through beef than by marketing milk directly.

There could possibly be some cost advantages in marketing through beef, since milking systems could be bypassed and much of the labor involved in milking eliminated

Most local beef producers indicate that the return per animal is relatively low and that, for most beef producers, the beef animal is a means of efficiently marketing local crops. Probably the competition from the huge feedlots in the west will keep beef margins low.

Therefore, the key to the success of a beef program centered around dairy cows would probably be in controlling costs

Despite the obvious problems, we think a merger of the county's crop, dairy and beef programs deserves consideration. Marketing a combination of crops and milk in the form of beef may offer another alternative for our diverse farm economy.

Cut the Linguistic Lariat

The poultry industry — along with the livestock and dairy industries — is putting increasing emphasis on solving its waste and environment problems. But material across our desk and comments by local poultrymen indicate many industry people are deeply concerned about restrictions under which they have to work.

This concern is reflected in the following excerpts from an article in The Poultry Times April 28 issue on "FDA's Linguistic Lariat Ensnares Litter Study" by John F Yarbrough, publisher:

> Much research on the use of litter as a feed ingredient source is now in progress, but reports we get indicate industrymen and researchers are getting a big run around from the Food and Drug Administration as they attempt to get clearances for their programs.
>
> So it is at this point the poultry industry must begin dodging missiles. On the one hand there are the environment-

(Continued on Page 21)

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NOW IS THE TIME . . .

By Max Smith
Lancaster County Agent

To Pasture Heifers With Care

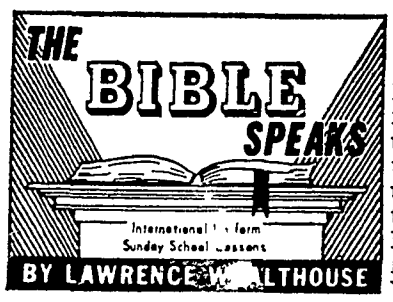
Heifers turned out to pasture for the summer should not be forgotten; if they are under a year of age, they should get grain and hay just as though they were in the barn, the digestive tract of the young heifer is not large enough to hold enough of the green forage, which is high in moisture, without access to hay and grain, their growth will be reduced Plenty of shade, fresh water, salt, and minerals should be provided at all times in addition to the pasture Don't neglect your future herd

To Recognize Proper Stage of Maturity

Most of the major hay crops such as alfalfa, clover, and timothy have been cut or are in the process of being harvested However, temporary forage crops such as sudan grass or the sudan-sorghum hybrids are just starting to grow Proper time of grazing or harvesting of these crops is important to prevent danger of poisoning from prussic acid Sudan grass should not be used until 18 inches to 20 inches in length. The sudan-sorghum hybrids should not be used until 24 to 30 inches of growth Plants consumed lacking this growth could be too high in prussic acid content The same stage of growth is recommended for aftermath growth on both of these forage crops

To Recognize The Merits of Mulching

Hot weather is hard on all vegetation, as well as man and beast The use of a mulch on the ground around trees, shrubs, and plants is one good way to prevent weed growth, keep down temperatures, and conserve moisture This is especially helpful on newly planted trees and shrubs, where sufficient moisture must be maintained the first summer in order to keep the plant alive. Many garden vegetables such as tomatoes will respond well from mulching, any type of organic matter such as peat moss, ground corn cobs, wood chips, or plastic covers will get the job done.



THE WAR WITHIN

Lesson for June 13, 1971

Background Scripture: Isaiah 2 2 4, 9 2-7 11 1 10
Devotional Reading Isaiah 11 1-10.

World peace is as much a problem today as at any time in the history of mankind. It is probably an even greater problem today because of man's greater capacity for rendering destruction and misery to more people, faster than ever before.

Rev. Althouse

"It shall come to pass"

It is easy to understand men's dreams of peace. The people of Israel looked for the great day when the Kingdom of God would finally be established in the world. The prophet Isaiah, spoke poetically of Israel's dreams of peace:

. . . and they shall beat their swords into plowshares, and their spears into pruning hooks; nation shall not lift up sword against nation, neither shall they learn war any more. (Isaiah 2:4)

The wolf shall also dwell with the lamb, and the leopard shall lie down with the kid; and the calf and the young lion and the fatling together; and a child shall lead them. (Isaiah 11:6)

But more than two thousand years have passed and that dream has still not been fulfilled. After centuries of warfare and billions of victims, it is not hard to understand the dispair that many people feel. When shall the lion "eat straw," the wolf "dwell with the lamb," and swords be beaten "into plowshares"?

Part of the iceberg

One of our difficulties is that we tend to think of peace as something which is primarily a matter of the external relations between nations and people. From our point of view, it is a matter of the Soviet Union giving up its aggressive intentions in the world, of Red China learning to live in peace with other nations, of the Israeli and Arab learning to settle their disputes in the Middle East, and the North Vietnamese agreeing to leave "in peace" the people of South Viet Nam.

This, however, is only part of the problem. It is comparable to that part of the iceberg that is visible above the water. Peace between nations is simply another perspective to the problem of inner peace within the lives of individuals Wars between nations are really large scale manifestations of the wars that take place within men.

Robert Louis Stevenson's novel, DR JEKYLL AND MR HYDE, is a fascinating description of the human war that rages within all men. Two personalities were at work within Dr. Jekyll. Modern psychiatry sees this inner conflict as the seat of many of our emotional and physical disturbances. Freud, the father of modern psychiatry, wrote at length of this inner war, ascribing sexual conflicts as the cause. Adler, one of Freud's disciples, saw it primarily in terms of a ruthless drive for power and supremacy. Karl Menninger, a prominent analyst today, sees it as a struggle between a "life instinct" and a "death instinct"

Christianity believes that the means to find inner peace has come to us in the person of Jesus Christ. It is his peace alone—"not as the world giveth (peace)"—that is able to bring harmony within the soul of man, and since man cannot achieve harmony with others so long as he is at war within himself, the peace of Jesus Christ is the key to world peace.

(Based on outlines copyrighted by the Division of Christian Education, National Council of the Churches of Christ in the U S.A. Released by Community Press Service)

ATTEND THE CHURCH OF YOUR CHOICE SUNDAY

Cut the Linguistic Lariat

(Continued from Page 20)

alists who pressure for removal and-or reconstitution of waste products.

On the other hand we have FDA dragging its feet and, from a practical standpoint, delaying development and utilization of such waste products.

After reporting the FDA's official position on litter research, Yarbrough said the FDA's statements indicate the research is lost in a maze of bureaucratic jargon. He said:

All of this bureaucratic jargon reminds us of the joke about the poor fellow who made several attempts to explain to a passing traveler what route he should use in order to reach a certain distination. Finally, in desperation and confusion, the direction giver allowed as how "well, you just can't get there from here".

As an industry, we can't accept the philosophy that in attempting to find scientific ways of utilizing waste poultry products such as litter, that "we can't get there from here".

Yarbrough said the FDA should "cease and desist employing linguistic roadblocks" and join the NOW generation and "tell it like it is."

We add that the record of the poultry industry over the past several decades in constantly putting out more pounds of meat more efficiently at very reasonable cost to the consumer speaks for itself. This record, in the face of constantly rising costs and changing conditions, indicates poultrymen are extremely innovative and consider problems as hurdles which must be overcome in short order.

So we think the best advice to those who would like to see the poultry industry overcome its waste and environmental problems is this:

Turn the industry loose and let it do its thing.

Dairying Big Industry; Milk Is Quality Food

June is Dairy Month throughout the U S.

In Pennsylvania dairying is a billion dollar industry, second in dollar value only to our great steel industry, says Max Smith, Lancaster County ag agent

Milk tastes good, milk is good for your health, and milk is an economical food buy in Pennsylvania At 64 cents per half-gallon or 16 cents per pound, where else can the consumer purchase essential protein, calcium and vitamins that's in milk for the same price?

Milk is one of the best sources of high quality protein, calcium and vitamins that are essential for life and the well being of all ages

Some of the facts about milk:

The American public gets about 43 per cent of its calories from milk.

Milk fat is 60 per cent saturated and 40 per cent unsaturated.

An entire quart of milk equals the cholesterol of just one egg.

Some seven million women are afflicted with osteoporosis, a bone deterioration disease which may result from insufficient calcium

The best source of calcium is milk because calcium must be combined with fats, preferably buttermilk, in order to be absorbed, adds Smith

Consumers should realize they are getting the very best quality milk ever produced from our dairy farms Modern methods stress good sanitation and a top quality product

Call Us Now

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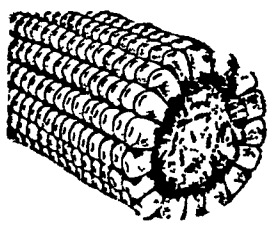
State House Approves Farmland Tax Proposal

The Pennsylvania House of Representatives this week approved a bill that would allow farmland to be taxed on usage rather than market value.

The approval was 193-0. It now goes to the Senate.

Before the measure could be adopted, however, it must pass two consecutive sessions of the legislature and then a referendum, since a constitutional amendment is needed to overturn the state requirement that property be assessed on the same basis.

More farmers each month prefer to buy their



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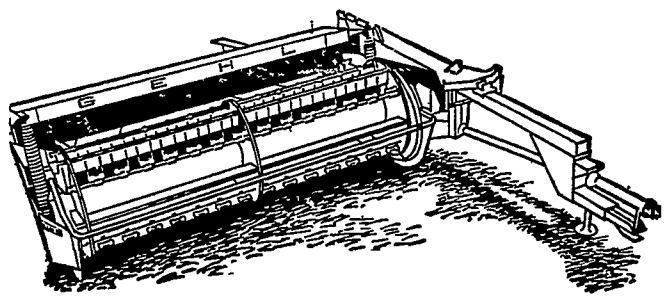

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Ladies, Have You Heard? ..

Some Food Facts

True or false? Older people need less protein than young adults. Fried foods are difficult to digest Whole grain breads are more nutritious than enriched white breads. Butter has more calories than margarine. Toast has fewer calories than bread.

You may be surprised to know that the answer to all these statements is false. Here's why:

An older person needs the same amount of protein as a young adult of the same body size. Our body's need for protein continues throughout life.

Digestion of fried foods is as complete as that of other foods, but fat takes longer to digest than carbohydrates or proteins. Because fat coats food when fried, it remains in the stomach for a longer period of time

Most white breads that have been enriched are as nutritious as whole grain breads. Be sure to watch for the word "enriched." Unenriched white breads have less vitamin B and iron

One tablespoon of butter or margarine contains exactly the same amount of calories — 100. The price may be different, but the caloric content is the same, and nutritive value is similar Both are fats.

A slice of bread when toasted loses moisture, therefore, toast is lighter in weight than bread But the number of calories in a slice of bread does not change with toasting.

Remember the facts next time you're wondering which is fact or fancy about the foods best for you to eat.

The Versatile Vacuum

To lessen your household cleaning chores and get better results at the same time, use your vacuum cleaner attachments.

Don't limit the vacuum cleaner to cleaning rugs Use the dusting brush attachment to dust objects such as venetian blinds, table and chair legs and bookcases. This attachment also works well for cleaning pictures, window sills, cane and wicker furniture, suede and felt clothing and baseboards

The upholstery nozzle will efficiently clean any fabirc furnishings including sofas, chairs, mattresses and draperies Use it slowly and thoroughly to get best cleaning results.

THOMAS

Hard-to-reach places pose no problem for the crevice tool attachment Use it to clean the edge of the wall-to-wall carpeting, the radiators, under cushions or in any nook and cranny.

You can vacuum hardwood, tile and linoleum floors as well as rugs and carpets Because a vacuum cleaner doesn't redeposit dust, it works more efficiently than a dust cloth, dry mop or broom.

Vacuuming your rugs and carpets daily and curtains and upholstery frequently will prolong their life Remember, your vacuum cleaner is a versatile appliance. Use its many attachments and lighten your household cleaning chores.

Farm Women Societies

Society 1

Farm Women Society 1 went on a Pennsylvania Dutch County tour for their June meeting They left Erb's Church at 9 a m with Mrs John Buckwalter as tour director and toured the Weavertown School, Mill Bridge Craft Village, Soudersburg, Kitchen Kettle, Intercourse and other Amish areas They had lunch at the Bird-in-Hand Restaurant Forty members and guests attended.

Mrs Graybill Hollinger, president, presided over a short business meeting after lunch and announcements were made Society 3 will entertain Society 1 on July 12 at 7 30 p m. at the Quarryville United Methodist Church Society 1 will entertain Society 9 on Aug 7 at the home of Mrs Noah Kreider, Manheim RD 3

Mrs Simon Snyder reported on the State Farm Women Rally held at Stokesay Castle, Reading, May 12.

Next meeting will be on June 26 at 6·30 p.m. This will be a Family Picnic covered dish to be held at the Middle Creek Church Pavilion Entertainment will be games and a social time

Society 10

Farm Women Society 10 entertained Society 18 and County Farm Women officers at a covered dish luncheon June 5 at the Farm and Home Center.

Guest speaker for the meeting was the Honorable Edwin D. Eshleman, United States Congressman from the 16th district, who discussed "The Good Things in America".

Mrs Jacob Evans, president of Society 10, commended Mrs Morris D. Miller, Mrs William Fox and Mrs Mahlon Delp for their outstanding performance of duty in arranging the program and carrying out the patriotic theme in the red, white and blue decorations Miss Ida Kunkle was in charge of devotions.

During the business portion of the meeting, the group decided to open to interested non-members the few seats available for the bus excursion to Hopewell Methodist Church on Saturday evening, June 19 to attend the Passion Play presented by the Hiltoppers. Reservations may be made with Mrs Frank Hodecker, 907 Rohrerstown Road, Lancaster (393-5924) or Mrs. Clifford Shoemaker, 9 Casey Drive, Willow Street (464-3407).

The next meeting of Society 10

(Continued on Page 23)

GO WHERE THE ACTION IS in this Classic sleeveless tennis sweater of "Red Heart" super fingering yarn, it's the perfect companion on any court. Alternating rows of wide and narrow cable stitch ribs line up to form this textured pattern. A trio of red, white and blue yarns form an interesting, contrasting rib pattern at waistline, armholes and neckband. Free instructions are available by sending a self-addressed stamped envelope to this newspaper along with your request for leaflet PK 4523.

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Farm Women Calendar

Saturday, June 12

1:30 p.m. — Farm Women Society 2, home of Mrs. Elsie Witmer, Manheim RD2.

1:30 p.m. — Farm Women Society 25, Jane Shank, hostess.

Farm Women Society 7, home of Mrs. Raymond Eshelman.

Farm Women Society 19 entertain Society 27, Farm and Home Center.

Farm Women Society 25, home of Mrs. M Warren Shank, 77 E Cottage Ave, Millersville.

Tuesday, June 15

12 15 p.m —Farm Women Society 8 meeting, Clinton Eby cottage.

Thursday, June 17

Farm Women Societies 12 and 13, entertain guests at Conestoga View.

Friday, June 18

Farm Women Society 5, bus trip to Gunthryville.

Saturday, June 19

1 p.m. — Farm Women Society 12, home of Mrs. Raymond Aston, 105 E. Cottage Ave, Millersville.

Farm Women Society 3, Mrs. Harvey Gehman, hostess.

Ida's Notebook

By Ida Risser

We had a nice boatride up the Conestoga on a Sunday afternoon There were little folks fishing and big folks sunning themselves.

Some of the trees we could not identify and so Philip gave me a book on "Trees" for my birthday.

It says the flowers of the California buckeye have a nectar which is poisonous to bees and creates a serious problem

Somehow I get linden and ash trees mixed even though they aren't similar. Guess I'd better study my book.

The village of Oregon is near our farm. In years past it was known as "Catfish" and had a mill, store, post office, cigar factory, barbers, blacksmith and butcher shops Now it is just a hamlet

Upon studying a map drawn 75 years ago and listing the residences, I notice only two families whose decendants still live in the area Though the children no longer use the school, the 35 families still worship in the small, white church.

The Lititz Creek which flows through is a small stream compared to its breadth when the mill was making flour and had the water dammed back.

Shoo-fly pies aren't just a delicious Pennsylvania Dutch food at our house. They even provide us with a laugh.

One time my big boy made six pies and forgot to put a crust under them until just before he put them in the oven — what a mess He is often teased about that.

Another time when they forgot to bake me a birthday cake, I was served a shoo-fly pie with a candle in the middle.

Dairy Case Packaging Look-Alike Trend Noted

In a column in "Ad Age," Walter Margulies, president of Lippincott and Margulies, a packaging design firm in New York, says a look-alike trend is the general rule in dairy case packaging.

Margulies noted Sealtest's Lite 'n Lively line of dairy products was an example of good branding. "It holds the appeal that both the taste — and ultimately you—will be light and lively.

"The packaging on the other hand, is nearly indistinguishable from its competitors. At best, it's colorful."

Elementary Ag Students Place In State Record Book Evaluation

Henry E. Givler, area agricultural consultant, has announced that the following students enrolled in the Elementary Agriculture Program of the Eastern Lancaster County School District of New Holland have placed in the medalist classification at the 1971 Annual Pennsylvania State Record Book Evaluation at the Pennsylvania State University this past week

Cindi Bowman, two gold, Brecknock School, Samuel Burkholder, gold, Lincoln Independent, Shelly Dissinger, two gold, Blue Ball, Mark Eby, gold, Union Grove, Loretta Good, two gold, Brecknock, Kathleen Freeman, gold, Brecknock

Dale Good, gold, Terre Hill, Louise Hartz, gold, Caernarvon, Elizabeth Herr, gold, Blue Ball, George Hoover, gold, Hinkletown, Vera Hoover, gold, Hinkletown.

Ruth Ann Hursh, two gold, Hinkletown; Anne Martin, gold, Caernarvon; Edna Martin, gold, Caernarvon; Lauren Martin, gold, Terre Hill; Phares Martin, gold, Blue Ball, Joyce Nolt, gold, Hinkletown

Steven Nolt, gold, Hinkletown; William Reifsnyder, gold, Blue Ball, James Rodgers, gold, Union Grove; Karen Sensenig, gold, Hinkletown; Lucy Sensenig, gold, Lincoln Independent, Marie Sensenig, two gold, Lincoln Independent

Leon Shirk, gold, Lincoln Independent, Harvey Snyder, gold, Hinkletown; Susan Sollenberger, two gold, Blue Ball, Clyde Stauffer, gold, Hinkletown, Janette Weinhold, gold, Brecknock; Alma Zimmerman, gold, Hinkletown, Elvin Zimmerman, gold, Hinkletown, Mary Ella Zimmerman, gold, Hinkletown

Gregory Brubaker, silver, Terre Hill, Mark Eby, silver, Union Grove; George Hoover, silver, Hinkletown, Glenda Martin, silver, Hinkletown, Leon Oberholtzer, silver, Western, Karen Sensenig, two silver, Hinkletown; Frederick Yoder, silver, Blue Ball.

Mike Feister, bronze, Union Grove, Reuben Martin, bronze, Lincoln Independent, Diane Seifrit, bronze, Western; Elmer Stoltzfus, bronze, Western.

Farm Women Society

(Continued from Page 22)

will be held at 1 30 p m July 3 at the home of Mrs. Frank Hodecker, 907 Rohrerstown Road, Lancaster The topic will be "Living and Doing".

Society 11

Farm Women Society 14 met at the home of Mrs Walter Himmelreich with Mrs Paul Hostetter, Mrs Ira Herr and Mrs Raymond Barge serving as cohostesses Devotions were in charge of Mrs. Barge

The business portion of the meeting was conducted by Mrs. Leon Thomas, president Mrs. Ira Herr reported on the Executive Board meeting A report on the Korean orphan was given by Mrs Charles Leaman

"Women of Samolia" was the subject of the program which was in charge of Mrs Ivan Leaman.

Society 14 was entertained by Society 6 at the Elizabethtown Church of the Brethren on Saturday, June 5

A family picnic will be held at 6 30 p.m. July 14 at the William S Tinney Memorial Pavilion, Strasburg A covered dish supper is planned for this event

STRAIGHT FROM THE SPRING FASHION PARADE comes this handsome pullover, styled for every member of the family. Mom, dad, and youngsters too, all get into the act when you try your hand at this raglan-sleeved pullover. Rib, garter and stockinette stitches combine talents to form a textured striped pattern worked of "Red Heart" Knitting Worsted in subtle shades of Light Gold, Wine Rose and Periwinkle. Free instructions are available by sending a self-addressed stamped envelope to this newspaper along with your request for leaflet PK, 5182.

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DAIRY BREEDERS, TAKE NOTE:

USDA Begins Predicted Difference for Dollars and % Test

Editor's Note: The USDA recently added some new statistical information on predicted difference of sires to show the farmer how much a particular sire can mean to his herd. The information should be of interest to all farmers who believe that a good breeding program is a major factor in herd building and profits. The item was submitted by Gary Willier, ABS district sales manager.

Each May while most thoughts turn to Spring things, the thoughts of those involved in dairy cattle breeding are apt to stray to the May USDA DHIA Active AI Sire Summary List.

The Sire Summary is a report card for all registered dairy bulls with more than 10 daughters completing records supervised by the Dairy Herd Improvement testing organizations across the nation The Summary is published each year in January, May and September. The May report includes all Active Sires while the January and September reports include only those sires with proofs significantly different from the May report.

This year's report has several additions which can be quite helpful to the dairyman interested in selecting bulls to use in his herd.

The USDA report compares production of all the daughters of a particular bull with that of their herdmates — those animals in the same herd calving in the same month, two months before or two months after that particular daughter The evaluation also compares the herdmates to the average of all cows of that breed and regresses the result according to the number of daughters involved, number of herds, etc

The end result is a Predicted Difference — an estimate of what future daughters of this bull will produce compared to the average of the breed A Predicted Difference for pounds of milk and pounds of fat have been standard for several years.

The 1971 May report also lists a Predicted Difference (P D) for per cent test and for dollars

It is no great surprise that cows which give more milk make more money for their owners Bulls with a high P D for milk will sire daughters which will on the average make more money for their owners than will daughters of bulls with average or minus P D. for milk This is both logical and straight forward

A more difficult evaluation, however, is the effect of the per cent test of the milk being produced. A cow producing 15,000 pounds of 3 8 per cent milk should return considerably more money to her owner than a cow producing 15,000 pounds of 3 2 per cent milk Just how much more depends on the market and the butter fat differential premium

With the new P D for dollars, USDA has attempted to provide a guideline for dairymen in selecting sires based on both P D. for milk and also P.D. for per cent test.

Let's look at two examples from the 1971 May report — Jack and Joe. Jack has a P.D. for milk of +880 and Joe has a P D. for milk of +871. Daughters of both these bulls should on the average produce about 880 pounds more of milk than daughters of a breed average bull (P D of 0) no matter what kind of herds they are compared in So you can see they are both the right kind of bull

Further study of these two bulls show, howevr, that Jack has a P D for dollars of +21 while Joe has a P D. for dollars of +50 or more than double that of Jack. This means that on the average across the U S Joe's daughters will return $29 more each lactation to their owners than Jack's daughters.

As you can imagine, this is due to the higher butterfat content of the milk which will be produced by the Joe daughters.

The value of the new P.D. for dollars can be seen quite easily in this example.

The second addition to the May USDA report is a P D. for per cent test. While this has already been taken into consideration in determining the P.D. for dollars, it deserves some separate comment.

Per cent test is one of the most highly heritable of the economically important traits selected for by dairymen (Heritability for test is estimated to be .40 verses that of milk at .25).

As with milk production, per cent test is also greatly influenced by the environment in which the cow finds herself. Because of this, it is extremely difficult to evaluate a bull's ability to affect per cent test by looking only at the daughter level. A bull whose daughters produce 4 0 per cent milk in a herd where the average is 4 2 per cent is probably not a test improver. However, a bull whose daughters average .05 per cent more than the average test of their herdmates —, even though the daughters may be averaging only 3.8 per cent should be a real test improver.

The P.D. for per cent test estimates what future daughters of a bull will test as compared to the breed average. This should prove to be an exceptionally valuable tool for those interested in improving test in their herd.

Any knowledgeable dairyman knows that there is more to selecting bulls than simply looking at production proofs. Cows must not only milk well, but should also last several lactations.

The fact remains, however, that most cows which don't milk will not make money for their owners.

USDA invests a great deal of money in preparing P.D.'s for bulls available to dairymen. To overlook this information is to miss out on some of the most valuable and useful tools available in the breeding of a more profitable herd of cows.

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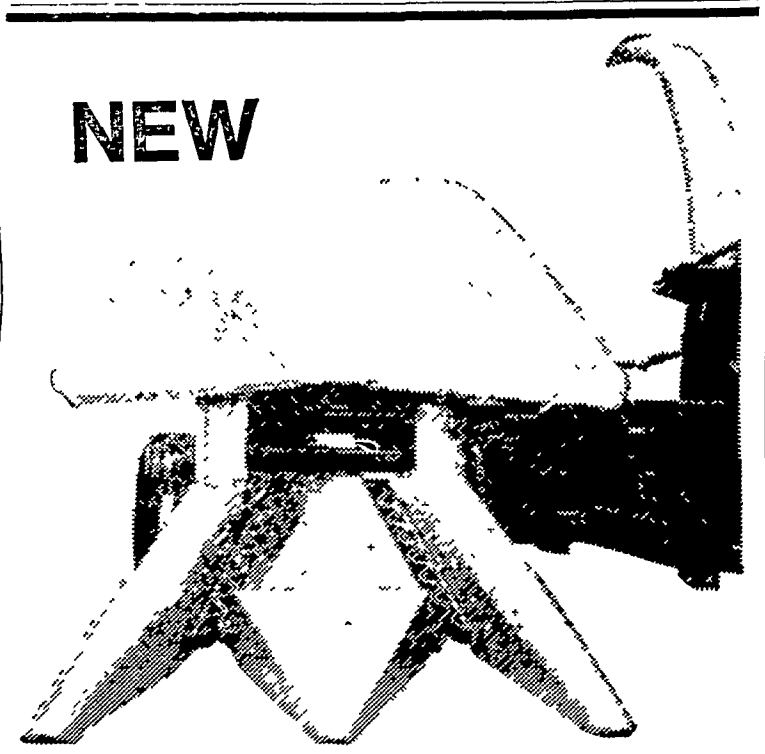

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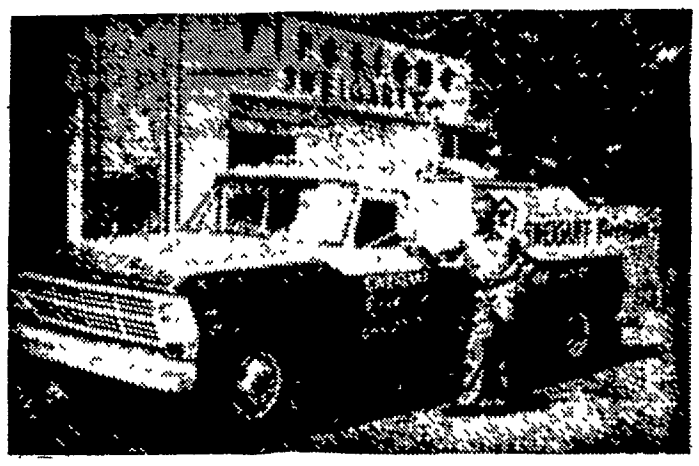

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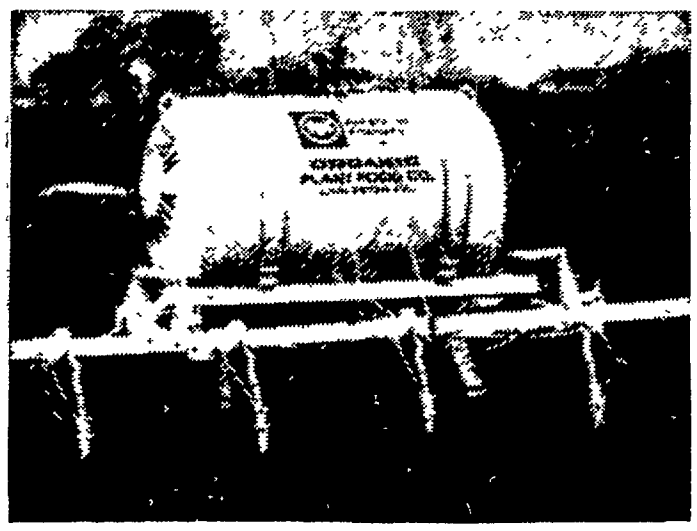

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Conservation Tour Outlined

The Lancaster County Soil and Water Conservation District last week announced a seven stop tour in the area west of Millersville for persons interested in seeing conservation practices on land.

Starting last Saturday the tour will last for three to four months through the summer.

Called a "Drive Yourself Amos" tour, the spots of interest are marked by the conservation district's new symbol, a figure called Amos. The Amos signs point to the area of the conservation and lists some of the practices being used, such as contour strip cropping, contour farming, terraces, water ways, and no-till farming

The tour begins in Millersville and runs approximately in a circle back to Millersville

Orval Bass, district conservationist, said the route is as follows: go West from Millersville on Letort Road for about one mile to the first Amos sign on the right at the Glen Mylin Farm.

A little farther on the left is the second sign at the Chris Neff and Sons farm

Stay on Letort Road for about 3.2 miles to Breneman Road, turn left and on the right is the fourth stop at the Jay Frey farm.

Continue on Breneman Road, turning left at the T to Safe Harbor Road, turn right for about one quarter mile, then turn left on Indian Run Road, and stay on Indian Run Road by turning right past Stehman's Church. Just beyond the church is the fifth Amos sign at the Kreider-Diller farm

Proceed one-half mile to the T in the road at the Walnut Hill Road, turn left and proceed across Little Conestoga Creek, make a hard right on Creek Road and go for one-tenth mile, turn right on Rock Hill Road for one-half mile to the T, then go left

After crossing the Conestoga Creek, the road becomes Long Lane At this point, note the Fish Commission access on the left as you cross the Conestoga

Proceed on Long Lane for one-half mile to the sixth Amos sign at the Robert Harnish farm

Continue for one-half mile to the stop sign, turn left on Stehman Road From here to the Conestoga Creek notice the roadside erosion control, including crown vetch, by the Pennsylvania Department of Transportation

After crossing the Conestoga, there are two conservation signs at the Amos Funk farm.

Then proceed straight ahead to the stop sign at Millersville which is back at the starting point.

Elsewhere, the district urged FFA members desiring to be a host for a city youth during the three day program July 21-23, to contact their vo-ag teacher Homes still are needed for 18 youths. The program is designed to show city youths farm life.

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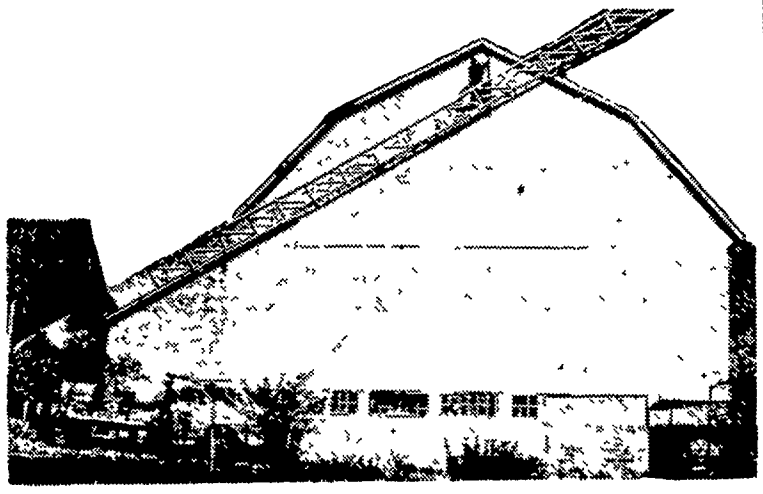

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- Spray-on and Brush-in Method Has Proven Satisfactory On Over 1500 Barns Of Our Well Pleased Customers.

C. RALPH MILLER

Spray-On and Brush-In Painter
R. D. 4, Manheim, Pa. 17545 Ph. 665-3388

Fred Mast Gets DeKalb Award

Fred Mast has been announced as the winner of the 1971 Twin Valley FFA Chapter DeKalb Agricultural Accomplishment award

This award is given to the outstanding senior in the vocational agriculture department. The award consists of a certificate and pin which was presented by Francis B Wood, principal of the Twin Valley High School, at the Senior Awards Assembly Friday, May 28.

Mast was chosen to receive this award on the basis of scholarship, leadership, and his supervised farming program He is the son of Mr and Mrs Ira Mast, Elverson RD2

A senior at Twin Valley High School, he has held the following FFA offices chaplain, treasurer, president, Berks County chaplain

He has received many awards and degrees both in FFA and 4-H. In January, he received the Keystone Farmer Degree, which is presented to the top two per cent of the FFA members in Pennsylvania each year.

His FFA farming program has included field corn, dairy cows, dairy heifers, dairy calves, gardening, and veal calves After graduation, Mast plans to remain on the farm with his parents

Mast is the sixth DeKalb Award winner from Twin Valley High School and his name will be engraved with the other winners on a special honors plaque provided by the sponsor.

GRAIN BINS

Grain bins owned by Commodity Credit Corporation, are being offered at public sale in Ohio and Indiana

Bins must be used for storage of agricultural commodities and purchaser must remove bins from site within 30 days of date of sale

Interested farmers should contact local ASCS office at the Farm and Home Center for dates and locations of sales or phone 397-6235

Co-Ops to Sponsor FFA Dairy Contests

Two of the largest dairy marketing coperatives in the nation recently announced they will join the National FFA Foundation in sponsoring two educational dairy contests at the National FFA Convention this fall in Kansas City, Missouri

Associated Milk Producers, Inc, of San Antonio, Texas, and Mid-America Dairymen's Association, Inc, of Springfield, Missouri, will co-sponsor the National FFA Contests in Dairy Cattle and Dairy Products judging.

Representatives of both Associated Milk Producers, Inc, and Mid-America Dairymen's Association, Inc. met with National FFA President, Dan Lehmann, recently to sign a sponsoring agreement

The dairy judging contests are two of five National Judging Contests held each year at the National FFA Convention They are the culmination of FFA dairy judging contests that begin at the local chapter level and proceed through contests at the district and state levels

In sponsoring the Dairy Products and Dairy Cattle Judging Contests, Mid-America Dairymen's Association, Inc., and the Associated Milk Producers, Inc., have agreed to provide funds to help offset administrative expenses, as well as to provide awards and travel money for the contestants

Horning Returns To U.S.

Carl Horning has returned to the United States from Pine Grove Academy, Honduras His address is Lebanon RD5

JAMESWAY
Volume-Belt Cattle Feeder

Feeds Fast without Separation

* Only 1-1/2 hp. Up to 250 Feet
* Big Capacity Belt Carries Feed
* Galvanized Steel Cover
* Works In-Barn or Out

YOU CAN COUNT ON US

Reliable Products - Installation - Service

M. E. SNAVELY

445 South Cedar St., Lititz, Pa. 17543 Ph. 626-8144

Try A Classified — It Pays!

Read Lancaster Farming For Full Market Reports

The Satisfaction That Comes From Doing A Good Job Of Farming

It's a great feeling to know that you are the master of your farmlands . . . that when you treat your soil right, it will treat you right. Liming is one of the most important factors in keeping your soil in the highest productive range. By raising the pH from a level below 6.0 to 6.5 or higher, you can expect to harvest .8 more tons of alfalfa per acre, with similar increases for all other forage and cash crops.

Order Now For Prompt Delivery

MARTIN'S LIMESTONE

Blue Ball, Pa. 354-4125 Gap, Pa. 442-4148

95 Head John J. Stoltzfus 95 Head

ANNUAL
JUNE HOLSTEIN SALE

At Guernsey Pavilion, Lancaster, Pa. Rt. 30, 5 miles East of Lancaster.

SATURDAY, JUNE 19, 1971 at 12:00 o'clock

25 are 2 year olds, registered, calving June to September.

8 from dams 725 to 800 lbs. fat.

SPECIAL MENTION — 3 yr. old dtr. of Kingpin, not yet classified, Ex Large, 2 yr. record — 321 dy. 15,438 Milk, 634 Fat. Dam — Lass Reflection with over 17,000 milk.

Highlight of Sale:

PACLAMAR ASTRONAUT dtr. V.G., 2 yr. 305 d., 21,415 m. 767 f.

Featuring Selling Rockman, Ivanhoe and Kingpins. Included are 2 seven year old daughters of Osborndale Ivanhoe, (1) 86 pt. VG due July to Astronaut records to 600 F, her dam 725 F; (1) 84 pt. GP Ivanhoe dtr. 18705M; records to 654 F.
Apollo dtr milking 90 lbs day; Alert dtr. milking 98 lb
A group of Ivanhoe grand-daughter, 4 are from dams with records from 725 to 800F, 2 Black Eagles, Apollo 3 yr. old 524 Fat as 2 year old in 305 days 1 Garberdale Burk Kate from Reflector dtr. 732 F as 3 year old, Ivanhoe Mark, dam has 2 records over 700 F Several others with dams to 20,000 lb. milk. 1 Astronaut and 1 Apex from VG dam over 20,000 m.

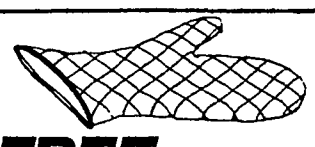
5 open heifers and a few heifer calves from record dams Also a good group of upstate Pennsylvania and Canadian top grade and reg. cows fresh and close springers milking up to 80 lbs. Selected by John J Stoltzfus and Norman Kolb 30 day health test eligible to go anywhere.
(3) Red and White Reg Holsteins.
1 Red & White Holstein bull calf, 8 weeks, from Milk & Honey Dam with over 170 lb. fat

For more information contact John J. Stoltzfus, Elverson, Pa.
Phone 215-286-9038

LUNCH AVAILABLE

Auctioneer — Paul Snyder
Pedigrees — Diller and Kreider
Manager — John J. Stoltzfus

Look what's cookin' at your Case dealer



FREE when you test-drive it!

Let us introduce you to the finest in compact tractors and we'll give you a quality, quilted barbeque mitt absolutely FREE!

$49.95

WEBER COOKER **FREE** — when you purchase any 1971 Case Compact Tractor!

Built like the BIG ONES!

Case 7 thru 14 hp tractors make yard work fun again! Smooth hydraulic drive. Change attachments quickly and easily *without tools*. Special Spring deals. C'mon out — see how easy it is to be a BIG TRACTOR MAN!

LIMITED OFFER . . . Stop in today!

A. L. Herr & Brother

312 Park Avenue
Quarryville, Penna. 17566

case

☆ PUBLIC SALE REGISTER ☆

SAT. JUNE 12—10 A.M. Consignment Auction of Construction Equipment at the York County Farm & Industrial Equipment Co., Inc., Auction Company, 4 miles north of York, Pa. on Route 181, right off Interstate 83 at Exit 10 or 11. Sale conducted by York County Farm & Industrial Equipment Co., Inc., Auction Co, Box 222, Emigsville, Pa. 17318.

WED. JUNE 16—9 A.M. Farm Equipment Sale at Martin's, Blue Ball, Pa. Terms by Paul Z Martin. Martin Auctioneers and Associates.

THURS JUNE 17 — 8 P.M Sharp. Public Auction of 50 Head of Dairy Cows located 5 miles north of Rt. 222 along 897, 2 miles north of Reinholds. Sale by Vernon and Ray Kline, Owners, Randal Kline, Auctioneer.

FRI. NIGHT JUNE 18 — 8 O'clock Sharp. June Dairy Cow Sale at Black and White Holstein Farm, Lancaster, Pa Located just West of A.B.C. Breeders Unit, across from Comet Drive-In Theatre. Sale by Charles C Myers, Owner, A Diffenbach, Auctioneer, H. Kettering, Pedigrees.

SAT. JUNE 19 — 12.00 Annual June Holstein Sale at the Guernsey Pavilion, Lancaster, Pa., Rt 30, 5 miles east of Lancaster. Sale managed by John J. Stoltzfus; Diller and Kreider, Pedigrees; Paul Snyder, Auctioneer.

FRI. JUNE 25 — 12 30 "Good Ole" Summer Time Registered Holstein Sale located along Rt 222, 7 miles South of Lancaster, 6 miles North of Quarryville, Lancaster Co., Pa. at Carl Diller Barn. Sale by Carl Diller, J. Everett Kreider, Auctioneer.

WED. JULY 14—Horse Sale at Blue Ball, Pa Terms by Paul Z Martin, Blue Ball, Pa , Martin Auctioneers

WED. AUG 11—9 A.M. Equipment Sale at Martin's, Blue Ball, Pa. Terms by Paul Z Martin, Martin Auctioneers and Associates.

THURS. AUG. 19 — 11 A.M. Public Sale of High Grade Holstein Dairy Cows located 17 miles northwest of Reading, 3 miles southeast of Shartlesville, leave Route 22 at Shartlesville interchange go east thru Shartlesville to fork, go right and take first macadem road right straight thru crossroads 1⅛ mile to farm. Berks Co. Terms by John D. Schlappich, Bernville Rt. 1, Penna J Everett Kreider and Carl Diller, Auctioneers

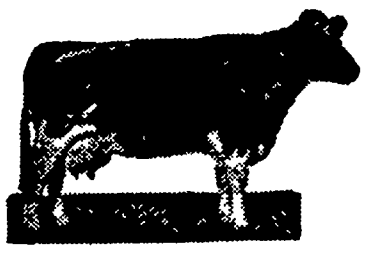
MON. AUG 30 — Shalco's "Colossal" Vacation Sale at Minatare, Nebraska.

THURS. NOV. 4 — "Colossal" Progeny Sale, Staunton, Virginia.

FRI. NOV. 5 — Shalco's Sugar Loaf Division "Colossal" Calf Sale, Staunton, Virginia

Miss Weaver to Arrive

Naomi Weaver, an EMBMC missionary in Shirati, Tanzania, will arrive in the United States in late June Her address will be 1177 West Main Street, Ephrata.



PUBLIC AUCTION

Thursday Night, June 17, 1971

starting 8:00 p.m. sharp

SALE LOCATED 5 MILES NORTH OF RT. 222 ALONG 897, 2 MILES NORTH OF REINHOLDS.

50 HEAD OF DAIRY COWS

This consists of a top Center Co. Herd of mostly first and second calf Heifers with lots of type and milk. Will also have three load of upstate July and Aug. cows. These cattle are all young - sharp - no horns. The right kind. Will have a few second calf Purebreds. If in need of all milk buy now for less. This is one of the best sets of cows we have had yet.

See us Thurs. Nite, June 17th.

HEALTH CHARTS NITE OF SALE

Randal Kline — Auctioneer
Vernon and Ray Kline — Owners
PHONE Area Code 215 267-2368 or 267-2298

Not Responsible For Accidents
Refreshment Stand

Local Veterinary Student Graduates With Honors

Leon Dale Weaver, son of Mr. and Mrs Lester M Weaver, New Holland, graduated from the University of Pennsylvania with highest class honors in the school of veterinary medicine.

Dr. Weaver graduated Magna Cum Laude and was awarded the Leonard Pearson Prize This award is presented to the class individual who, in the opinion of the veterinary faculty, has shown by his scholarship, breadth of interest, personality and high character that he is most capable of dignifying and advancing veterinary science in research, in practie in education, and in its relation to civilization

Dr. Weaver graduated from Garden Spot High School, New Holland, in 1964, and Goshen College, Goshen, Ind in 1967.

Dr. Weaver was president of his sophomore class, served on the student board of ethical relations and student faculty committee on discipline He was president of the student chapter of the American Veterinary Medical Association and was chapter delegate to Minnesota.

He participated actively in the formation of the National Conference of Student Chapters of the AVMA and was elected national chairman of the NCSC legislative committee He attended NCAC in Guelph, Ontario, and AVMA in Los Vegas and testified before U S Senate and House subcommittees in behalf of veterinary medicine schools. Dr. Weaver served as secretary of Alpha BSI fraternity and was leader of two county 4-H veterinary science clubs.

Dr Weaver is married to the former Nancy Jean Stoltzfus, daughter of Mr. and Mrs. Melvin R. Stoltzfus, Ronks He will serve his internship at Cornell University, Ithica, N Y , in the outpatient ambulatory large animal clinic

FEEDER PIG SALE

Saturday, July 3, 1971

2½ miles South of Bethel from US 22 and 6 miles North of Myerstown, Pa. along US 501.

400 to 450 — 40 to 60 lb. Choice Feeder Pigs
Hampshire, Duroc and York Cross

All pigs are vaccinated for Erysipelas. Castrated young. Wormed, Sprayed for Mange and Lice.

All pigs were raised on this farm. No outside pigs will sell on this sale. Also pigs will not have to be moved the day of Sale.

These are some of the finer quality feeder pigs in the East.

Sale at 1:30 P. M.

NORMAN M. MARTIN
RD 1, Myerstown, Pa.

"GOOD OLE" SUMMER TIME

REGISTERED HOLSTEIN SALE

Friday, June 25, 1971 — 12:30 P.M.

Location: Along Route 222, 7 miles South of Lancaster, 6 miles North of Quarryville, Lancaster Co., Pa., at Carl Diller Barn.

40 HEAD CANADIAN & PENNA. HOLSTEINS
Fresh and Many due July, August and September

THESE YOUNG COWS SELLING IN SALE!!

An 18,831 record cow 334 days
Bred to Mayers Dark Leader

- (2) **Glenvue Skychief** dtrs. (1) "Good Plus" in 305 da. 3 yr. 14,384 - 575 - 4.08% Her Dam as a 5 yr. over 20,800. 3.7%
- **Skychief** with 2 yr. 305d 13,536 - 501 - 3.7% Her dam as a 4 year old 305d 21,014 - 736 - 3.5%
- Pabst Roamer Admin dtr. 3 yr. 305 da. 13,966 - 566 - 4.05% Springing to Spring Farm Reflection Ormsby
- Glenafton Herdmaster dtr. 2 yr. 274 da. 13,349 - 505 3.7% She "Good Plus" fresh by sale.

Others by Thorn Lea Texal Supreme, Emeraldale Citation Ensign, Etc.

Heifer Dispersal!!

Special Mention!! From Russell Houser, Annville, Pa. Bred Heifers due Summer through Fall. Curtiss Breeding including dtrs. of Penstate Starman and Charmer from classified dams with Records to 20,261, 329 da., they in turn by Seiling Rockman Citation Chamric Marshall, Ivanhoe, Kingpin Forty-Niner and Seiling Pietje Triumph Etc.

Nearly all tested for Interstate Shipment.

Be Sure To See This Selection of Young Cows & First Calf Heifers!

Catalogs

Trucks Available

Auctioneer:
J. Everett Kreider

Sale by
CARL DILLER
717-464-2233

Lunch Available

60 HEAD JUNE DAIRY COW SALE

60 HEAD

at Black & White Holstein Farm, Lancaster, Pa.

Just West of A.B.C. Breeders Unit, across from Comet Drive-In Theatre

FRIDAY NIGHT, JUNE 18th at 8 o'clock sharp

25 Hand picked Registered Canadian Holsteins, lots of size and class, many of them classified. 35 Grade Wisconsin and Canadian Holsteins, very choice quality. All cows just fresh or close springing with production to 100 lbs. daily.

Your Place to Buy Quality Cows — Credit Terms Available

A. Diffenbach Auct. | **H. Kettering** Pedigrees | **Charles C. Myers** Owner

Help Us Serve You

Is your farm organization's meetings making our farm calendar? If they're not and you think they should, let us know.

As a public service to farmers and the farm community, we try to get as many meetings as we can on the calendar. But we miss some.

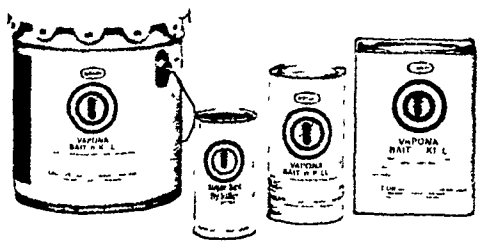
Remind us by calling 394-3047 or 626-2191 or by writing to Lancaster Farming, 22 E Main St., Lititz, Pa. 17543. You can help us serve you better.

AGWAY

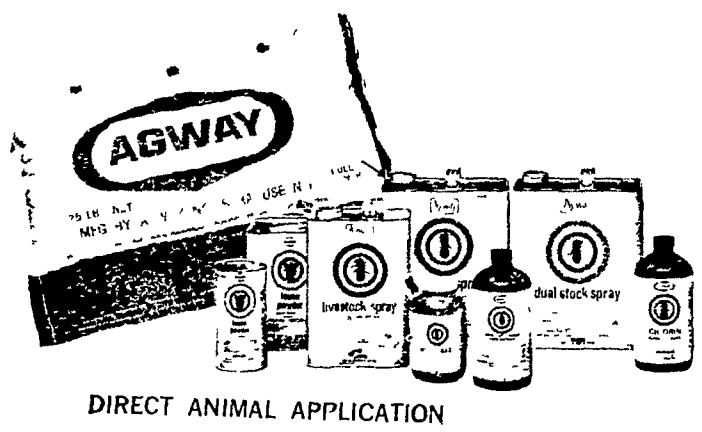
DON'T LET FLIES FEED ON YOUR PROFITS

Fly-tormented cattle can't make milk or meat at their full capability. Egg and poultry-meat production can suffer the same way. Protect your summer profits with Agway fly controls.

The best time to start fly control is at the beginning



BAITS—SPRINKLE ON FLOOR AND WINDOW SILLS



DIRECT ANIMAL APPLICATION

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665-5001

Henry B. Hoover, Inc.
Ephrata
733-6593

Lancaster Store
394-0541

New Holland Store
354-2146

Salunga Store
898-2248

M. M. Good & Son
Gordonville
768-3781

Mrs. Jacob L. Kurtz
Elizabethtown
367-5430

Willow Street Store
464-3521

Quarryville Store
786-2126